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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PLANT QUARANTINE DIVISION
WASHINGTON 25, D.C.

LIST OF INTERCEPTED PLANT PESTS, 1961

(Pests Recorded From July 1, 1960, Through June 30, 1961)

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INTRODUCTION

This report covers the 48th year for which lists of interceptions have been published. It summarizes records of plant pests found in, on, or with plants, plant products, baggage, cargo, mail, and means of conveyance (1) imported into or entering the United States or its possessions, (2) offered for entry but refused, (3) held in quarters or stores of planes or ships, (4) offered for entry for immediate transportation and exportation in bond, (5) in domestic shipments to the mainland from the States of Alaska and Hawaii, the American Virgin Islands, Guam, Puerto Rico, and other offshore possessions, or (6) in preclearance inspection in the Bahamas and Bermuda.

The pests listed include insects, snails, bacteria, fungi, nematodes, and viruses of known or potential plant quarantine significance to the United States. Some common organisms are included if they are new to the country of origin or the host plant, or are of such limited distribution in the United States that they are worthy of mention.

The data for this list include identifications received from the specialists during the fiscal year 1961 and represent some interceptions made during previous years. Determinations are largely made by specialists of the Entomology Research Division and the Plant Quarantine Division, although a certain amount of this work is done by collaborating State officials. Snail identifications are made by taxonomists in the Division of Mollusks, U.S. National Museum. Some critical studies and identifications are made by specialists of the Crops Research Division, who also identify many of the host plants.

Scientific names of the insects are reviewed by the specialists who identify them and also by Mr. Paul X. Peltier, entomologist, who assists in the compilation. Mrs. Alice J. Watson, mycologist, assists with the disease list. Host names are reviewed by Dr. Bernice G. Schubert of the New Crops Research Branch. Every effort is made to conform to the International Rules of Nomenclature. However, in the disease tabulation the name of the stage found is usually listed rather than the perfect stage. Family names are listed with the insects in the tabulation; orders are shown in the host list. Classes of the diseases are given in the disease host list.

It is often difficult to trace the true origin of stores in planes and ships. Questionable cases are omitted, listed with a question mark, or shown as unknown. Pests of a serious nature reported for the first time from a country are usually listed as from an unknown origin or omitted until confirmation of the presence of the pest is given by the country concerned.

NOTES ON PESTS INTERCEPTED

The total number of interceptions for the fiscal year 1961 was 25,575, as compared with 30,230 the previous year. This does not include common pests which are widespread in this country and are no longer recorded. Of the total, 8,808 were considered of enough importance to be listed. The decrease in the number of interceptions may be due in part to the increased efforts of the Plant Quarantine Division to educate the public through the use of movies ("The Hidden Menace" and "Don't Bring Your Enemy Home") and various leaflets distributed to air and ship lines.

AIRBORNE MATERIAL

Interceptions of pests arriving by air totaled 8,722, of which 7,968 were insects or snails and 754 diseases or nematodes. There were 199 interceptions of significant insects found as stowaways on airplanes. Among the important airborne pests were 69 interceptions of the European cherry fruit fly, 3 of khapra beetle, 109 of the Mediterranean fruit fly, 28 of a chafer, *Melolontha melolontha*, 7 of the Mexican fruit fly, 30 of the olive fruit fly, 4 of the oriental fruit fly, 15 of the pink bollworm, 72 of the West Indian fruit fly, 153 of the black spot of citrus, 18 of citrus canker, 55 of the sweet orange scab, and 5 of the golden nematode.

FRUIT FLIES

A total of 685 fruit fly interceptions were identified to species as follows:

Anastrepha ludens, the Mexican fruit fly, was intercepted 151 times, 149 from Mexico and 2 from Guatemala. The hosts were cherimoya, grapefruit, mango, pomegranate, quince, sour orange, sweet lime, and sweet orange.

Anastrepha mombinpraeoptans, the West Indian fruit fly (142 times), in mamey sapote, mango, purple mombin, tropical almond, and yellow mombin from the American Virgin Islands, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Trinidad, and the West Indies (island(?)).

Anastrepha serpentina (4 times) in mamey sapote in air baggage from Mexico and Nicaragua, in star-apple in air baggage from Nicaragua, and in Tempisque jungleplum in baggage from Mexico.

Anastrepha suspensa (twice) on airplane window from Puerto Rico (?) and in guava in air baggage from Puerto Rico.

Ceratitis capitata, the Mediterranean fruit fly (195 times), an adult female in an airplane from Hawaii, and larvae in apple, apricot, Arabian coffee berry, cherry, *Coffea* sp. berry, fig, grape, grapefruit, guava, jujube, lemon, loquat, Mandarin orange, mango, pawpaw, peach, pear, pomegranate, pricklypear, quince, soda-apple nightshade fruit, sweet orange, and tropical almond. The countries of origin were: Argentina, Azores, Brazil, Costa Rica, Cyprus, Greece, Hawaii, Iran, Israel, Italy, Lebanon, Peru, Portugal, Republic of South Africa, Spain, Turkey, United Arab Republic, and an unknown origin. *C. capitata* (?) (19 times) in Arabian coffee berry, *Coffea* sp. berry, fig, *Musa* sp. fruit, pepper, pomegranate, sweet orange, and tropical almond from Greece, Hawaii, Italy, and Spain.

Ceratitis colae(?) (once) in Sudan colanut in aircargo from Nigeria.

Dacus cucurbitae, the melon fly (5 times), in cucumber, tomato, and zucchini squash in stores from Hawaii. *D. cucurbitae*(?) (twice) in cucumber in air stores and stores from Hawaii.

Dacus dorsalis, the oriental fruit fly (22 times), in banana, guamachil apesearring pod, Indiapoon beautyleaf fruit, lychee nut, mail package, mango, *Ochrosia elliptica*

fruit, pitanga, and tropical almond from Guam, Fiji(?), and Hawaii. *D. dorsalis*(?) (12 times) in agati sesbania, betel palm nut, guava, mango, ti berry, and tropical almond from Hawaii.

Dacus oleae, the olive fruit fly (57 times), with baggage and in olive in air baggage, air stores and baggage from Austria (?), Cyprus, Greece, Italy, Lebanon, and an unknown origin.

D. oleae(?) (once) in green olive from Italy.

Euleia heraclei (once) in celery in stores from Germany.

Rhagoletis alternata(?) (once) in rosaceous berry in baggage from Italy.

Rhagoletis cerasi, the European cherry fruit fly (69 times), in cherry in air baggage, air quarters, and air stores from Czechoslovakia, Denmark, France, Germany, Greece, Hungary, Israel(?), Italy, Netherlands, Poland, Portugal, Spain, and an unknown origin. *R. cerasi*(?) (once) in cherry from Italy.

INSECTS OTHER THAN FRUIT FLIES

The following insects of special significance were intercepted:

Acrolepia assectella (Hyponomeutidae) in leek in stores from France, Italy, and Spain.

Adoxophyes orana (Tortricidae) in apple in air stores and peach in air baggage from an unknown origin; and on cut roses in air baggage from the Netherlands.

Aleurocanthus spiniferus (Aleyrodidae) on sour orange leaf in stores from Japan.

Aleurocanthus woglumi (Aleyrodidae), the citrus blackfly (8 times), on *Citrus* sp. leaf in air baggage from Nicaragua and baggage from Mexico, on lime leaf in cargo from Mexico, and on sweet orange leaf in quarters from Jamaica.

Aspidiotus destructor (Coccidae) (19 times) on coconut in air baggage from Honduras and Mexico, baggage and cargo from Mexico, quarters from the Bahamas, and stores from Costa Rica, Mexico, Panama, and the Philippines; on kentia palm in stores from the Philippines; on oleander in quarters from the Bahamas; on palm seed in air baggage from Cuba; on rose leaf in baggage from Tortola; on screwpine in aircargo from Indonesia; and on sugar-apple and sweet orange in baggage from Cuba.

Blissus diplopterus (Lygaeidae) on hakea seed in mail from the Republic of South Africa.

Brachycerus algirus (Curculionidae) in garlic in cargo from Spain.

Brevipalpus chilensis (Tenuipalpidae) on grape in aircargo and cargo, on lemon in air stores, and on reed jacket for liquor in air baggage from Chile.

Bruchus tristis (Bruchidae) in broadbean in baggage, grass pea in baggage and mail, and white lupine seed in baggage from Italy; and in pea in stores from Greece.

Cacaecimorpha (Archips) *pronubana* (Tortricidae) in chayote and pomegranate in baggage from Italy.

Carposina niponensis (Carposinidae) in apple in stores from Japan.

Ceroplastes rubens (Coccidae) on anthurium leaf in mail and maile alyxia in baggage and mail from Hawaii.

Chilo suppressalis (Crambidae), the Asiatic rice borer (16 times), in rice straw in air baggage from Japan, baggage from Formosa, Spain, and an unknown origin, and mail and stores from Japan.

Coccus viridis (Coccidae) (40 times) on Brazil peppertree, *Citrus* sp. twig, coffee berry and leaf, *Gardenia* spp., guava, horseshoe geranium, ixora, jasmine, and lychee from Barbados, Brazil, Cuba, Hawaii, Madeira Islands, and St. Kitts.

Coptotermes niger (Rhinotermitidae) in rosewood log in cargo from Brazil and in virola log in cargo from Costa Rica.

Cryptoblabes gnidiella (Phycitidae) (18 times) in bamboo in baggage from Italy, on cockscomb cut flower in baggage from Greece, in lemon in air stores from Spain, on oleander cutting in air baggage from Bermuda, in pomegranate in air baggage from Israel and baggage from Italy, and in sweet orange in air baggage from Italy and air stores and stores from Spain.

Cylas formicarius (Curculionidae) in sweetpotato in aircargo and cargo from Hong Kong and Thailand.

Dialeurodes kirkaldyi (Aleyrodidae) on Arabian jasmine in mail and on frangipani cutting in air baggage from Hawaii, on gardenia in air baggage from Tahiti, and on jasmine in aircargo from the Philippines.

Diaspis juniperi (Coccidae) on Lawson falsecypress in cargo from the Netherlands.

Dichocrocis punctiferalis (Pyraustidae) on Japanese white pine in baggage from Japan and on rambutan in air baggage from the Federation of Malaya.

Dyspessa ulula (Cossidae) in garlic in cargo from Italy and Spain and stores from Yugoslavia.

Earias cupreoviridis (Noctuidae) in okra in stores from British West Africa.

Ectomyelois ceratoniae (Phycitidae) (33 times) in almond, Arabian coffee, assorted seed, barringtonia pod, English walnut, goldenshower senna pod, pomegranate, quince, sweet orange, and tamarind seed pod. Countries of origin were Africa (country(?)), Greece, Hawaii, Israel, Italy, Jamaica, Montserrat, Philippines, Portugal, Puerto Rico, and Turkey.

Epichorista ionephela (Tortricidae) on Cape chinkerichee in cargo and mail from the Republic of South Africa.

Epilachna 28-punctata (Coccinellidae) in cabbage in stores from Australia.

Epinotia aporema (Olethreutidae) in broadbean in air baggage from Ecuador and in pigeonpea in air baggage from Jamaica.

Euscepes postfasciatus (Curculionidae) in sweetpotato in stores from Brazil and Trinidad.

Evergestis forficalis (Pyraustidae) in cauliflower in stores from Norway.

Frankliniella intonsa (Thripidae) (17 times) on carnation, gladiolus, mixed cut flowers, rose, strawflower, and sweetpea in air baggage from Denmark, England, France, Germany, Hungary, Poland, and Sweden; and on rose in cargo from France.

Gnorimoschema ocellatella (Gelechiidae) in beet in air baggage from Italy and stores from the United Arab Republic.

Grapholitha janthiana(?) (Olethreutidae) in apple in air baggage and baggage from Austria, Rumania, and Yugoslavia and in air stores from an unknown origin.

Lampides boeticus (Lycaenidae) in broadbean in stores from the United Arab Republic and in mauna loa lei in air baggage and baggage from Hawaii.

Laspeyresia splendana (Olethreutidae) (29 times) in chestnut in air baggage and baggage from Germany, Italy, Portugal, Spain, Turkey, and Yugoslavia and in cargo from Italy.

Laspeyresia strobilella (Olethreutidae) in pine cone in baggage from England; and in spruce cone in air baggage and baggage from Germany and an unknown origin.

Lobesia botrana (Olethreutidae) in grape in air baggage from Italy and Lebanon.

Mamestra brassicae (Noctuidae) in *Brassica* sp. in stores from Japan, in cabbage in stores from England, France, Germany, Italy, and the Netherlands, in cauliflower in stores from Tanganyika, and in parsley in stores from Italy.

Maruca testulalis (Pyraustidae) (35 times) in cargo (with celery and chayote) from Puerto Rico, in jade flower(?) and mauna loa lei in air baggage and baggage from Hawaii, in pigeonpea in air baggage, airmail, and cargo from Puerto Rico, in sesbania in air baggage and mail from Hawaii, and in string bean in air baggage, airmail, and cargo from Puerto Rico and stores from Brazil and Japan.

Megastes grandalis (Pyraustidae) in sweetpotato in stores from Brazil.

Melolontha melolontha (Scarabaeidae), a chafer (28 times), as stowaway on airplane from France.

Nilotaspis halli (Coccidae) on *Prunus* sp. scion in aircargo from Iran.

Ostrinia (Pyrausta) nubilalis (Pyraustidae) in broomcorn stalk in baggage and cargo from Italy and in mail from Yugoslavia, in chestnut in air baggage from Italy, on chrysanthemum in air baggage from Japan, with military cargo from Spain, and in string bean in stores from Japan.

Oulema (Lema) melanopa (Chrysomelidae) in soil with heather plant in baggage from Germany and on unidentified plant in cargo from the Netherlands.

Parlatoria zizyphus (Coccidae) (49 times) on *Citrus* sp. leaf, grapefruit, lemon, Mandarin orange, pummelo, sour and sweet lime, and sweet orange from Algeria, Cameroun, China, Formosa, Gambia, Hong Kong, Israel, Italy, Japan, Liberia, Okinawa, Philippines, Spain, Thailand, and an unknown origin.

Pectinophora gossypiella (Gelechiidae), the pink bollworm (33 times), in bale of cotton in cargo from India; in bale of cotton motes in cargo from Brazil; in cotton boll in air baggage from Haiti, Hawaii, Italy, and Turkey, baggage from Mexico, and mail from Hawaii; in cottonseed in air baggage from Brazil and Grand Cayman, baggage from Mexico, cargo from Hong Kong and the United Arab Republic, and quarters from Mexico; in hibiscus lei in air baggage from Cuba; in Levant cotton boll in air baggage from Trinidad; in okra in air baggage from the Dominican Republic, Haiti, and Jamaica and in aircargo and stores from the Dominican Republic; and in seed cotton in quarters from Mexico.

Perkinsiella saccharicida (Delphacidae) on anthurium flower in air baggage from Hawaii.

Phalonia zephyrana (Phaloniidae) in carrot in stores from Italy.

Pieris brassicae (Pieridae) on cabbage in stores from Italy, on lettuce in stores from the Azores, and with military cargo from Greece and Morocco.

Pityogenes chalcographus (Scolytidae) in conifer dunnage from Belgium and Germany.

Prays oleellus (Hyponomeutidae) in olive leaf cutting and fruit in air baggage and baggage from Italy.

Prodenia litura (Noctuidae) in pepper in stores from Israel.

Rhynchites auratus (Curculionidae) in sloe seed in mail from Scotland.

Sesamia cretica (Noctuidae), the durra stem borer, in sorghum stalk in cargo from Italy.

Stenoma catenifer (Stenomidae) (23 times) in avocado in air baggage and baggage from Brazil, Colombia, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, and Panama.

Taeniothrips gracilis (Thripidae) (18 times) on amaryllis bulb in cargo from Japan, on cut gladiolus in air baggage from Bermuda, on *Lycoris* spp. bulbs in cargo from Japan, on polyanthus narcissus bulb in air baggage from Formosa, and on sweetpea in air baggage from Bermuda.

Tetranychus viennensis (Tetranychidae) on apple in air baggage from Germany, air stores from an unknown origin, and stores from Japan.

Thrips major (Thripidae) on fig in air baggage from Italy, on heather in air baggage from Germany, on lily-of-the-valley in air quarters from an unknown origin, on mixed cut flowers in air baggage from Denmark and Scotland, and on roses in air baggage from the Azores, England, France, and Germany and in aircargo from France.

Trogoderma granarium (Dermestidae), the khapra beetle (202 times), with bagging (including used burlap and wrappers on cinnamon, cotton waste, guar gum, karaya gum, pigeonpea, rice, stores, etc.), bean, celery seed, chickpea, cinnamon, common cassava, cottonseed, cumin seed, debris, food, filbert nut, ginger root, gum, gum arabic, gum ghatti, guar gum, gutta-percha, karaya gum, lima bean, myrobalan, pea, peanut, pistache nut, quarters of ship, rice, rye straw, stores (including bean, chickpea, corn, flour, grits, lentil, macaroni, noodles, pigeonpea, sesame seed, soybean, and miscellaneous dry stores), and wheat. Infested materials were from the following countries: Ceylon, China, England, Federation of Malaya, Formosa, France, Germany, Greece, Hong Kong, India, Iraq, Italy, Japan, Korea, Kuwait, Mozambique, Netherlands, Nigeria, Pakistan, Philippines(?), Senegal, Singapore, Sudan, Thailand, United Arab Republic, and an unknown origin.

Unaspis yanonensis (Coccidae), the yanone scale (467 times), on *Citrus aurantium* var., *Citrus* sp., grapefruit, ichandarin, ichang bitter-orange, King orange, lemon, lime, Mandarin orange, sour orange, sweet orange, and tangelo from Japan and the Philippines.

Zeadiatraea lineolata (Crambidae) in corn in air baggage from Honduras.

SNAILS

The following snails of particular interest were intercepted:

Bradybaena similaris (13 times) on various cut flowers and foliage in air baggage, baggage, cargo, and mail from Hawaii; and in soil with asparagus plant in air baggage from Bermuda.

Achatina fulica, the giant African snail (5 times), with air baggage and in mail from Hawaii; and with stone in cargo from Guam.

Cochlicella barbara (26 times) on military cargo from France, Morocco, Spain, and Turkey; and in soil in baggage from Italy.

Cochlicella conoidea on military cargo from Spain.

Cochlicella ventrosa (10 times) on military cargo from the Azores, Bermuda, Italy, Morocco, and an unknown origin.

Euglandina striata (17 times) on banana in cargo from Ecuador.

Ten species of *Helicella* were intercepted a total of 41 times from the Azores, France, Greece, Italy, Libya, Morocco, Netherlands, Spain, Turkey, and an unknown origin. The hosts were cabbage seed, camomile, military cargo, nasturtium seed, romaine lettuce, soil sample, soil with automobile, and sweet orange.

Monacha cantiana on lettuce in stores from Italy, military cargo from France, and unidentified plant in cargo from Germany.

Monacha carthusiana on cabbage seed in baggage and on military cargo from Italy.

Porphyrobaphe iostoma (8 times) on banana in cargo from Ecuador and an unknown origin; and in quarters from Ecuador.

Rumina decollata in soil in baggage from Italy.

Solaropsis monile (3 times) on banana in cargo from Ecuador.

Subulina octona on bromeliad plant in aircargo from Surinam and on avocado seedling in air baggage from St. Lucia.

Theba pisana, the Mediterranean land snail (64 times), on camomile in aircargo, on military cargo, in quarters, and on beet, cabbage, lettuce, other mollusks, and sweet

orange in stores from the following countries: France, Italy, Libya, Morocco, Spain, Turkey, and an unknown origin.

Other snails of potential economic importance were *Ceciloides acicula*, *Cepaea hortensis*(?), *Helicina strebeli*, *Helix aspersa*, *H. pomatia*, *Lamellaxis gracilis*, *Limax marginatus*, *L. maximus*, *Otala lactea*, *O. vermiculata*, *Oxychilus alliarius*, and *O. draparnaldi*.

DISEASES

Elsinoe australis, the sweet orange scab, was intercepted a total of 163 times; 98 from Brazil, 55 from Argentina, 7 from an unknown origin, and 3 from Uruguay. The hosts were grapefruit, lemon, lime, Mandarin orange, and sweet orange.

Phoma citricarpa (perfect stage is *Guignardia citricarpa* Kiely), the black spot of citrus, was intercepted 255 times; 75 of these came from an unknown origin, 46 from Japan, 34 from Hong Kong, 28 from Australia, 27 from the Republic of South Africa, 25 from China, 8 from Formosa, 3 from Africa (country(?)), 2 each from Asia (country(?)), Fiji, and Mozambique, and 1 each from Brazil, New Zealand, and the West Pacific. The hosts were *Citrus* sp., citron, grapefruit, lemon, Mandarin orange, pummelo, sour orange, sweet orange, and tangelo.

Xanthomonas citri, citrus canker, was intercepted 127 times; 107 came from Japan, 4 from Hong Kong, 3 each from China, Formosa, India, and an unknown origin, 2 from the Philippines, and 1 each from Thailand and Vietnam. The hosts were *Citrus* sp., grapefruit, ichandarin, lemon, lime, Mandarin orange, pummelo, Satsuma orange, sour orange, and sweet orange.

Xanthomonas sp. (Cancrosis B) was intercepted 5 times; 3 from Argentina and 2 from an unknown origin, on grapefruit and lemon.

Other pathogens of special interest were:

Gymnosporangium haraeum on pyramid Chinese juniper and sargent Chinese juniper in air baggage, aircargo, and cargo from Japan.

Phomopsis occulta var. *ginkgoina* on dwarf ginkgo tree in cargo from Japan.

Phomopsis palmicola on betel palm nut in mail from Guam.

Phomopsis pterophila on samara wing of European ash seed in cargo from Italy.

Phyllosticta salicifoliae on iron tree in air baggage from Australia.

Phyllostictina cordylines on ti in air baggage and aircargo from Hawaii.

Phyllostictina mangiferae on mango leaf in baggage from Mexico.

Prospodium perornatum on herbarium specimen of trumpet tree in baggage from Mexico.

Prospodium pithecoctenii on Mexican monkeycomb seed pod in air baggage and baggage from Mexico.

Puccinia hordei on barley straw in mail from Kenya. First interception of this pathogen from that country.

Puccinia kusanoi on bamboo leaf in airmail from Japan.

Puccinia noccae on *Lagascea glandulosa* cutting in herbarium press in baggage from Mexico. New host as far as is known.

Sphenospora mera on *Catasetum* sp. and *Mormodes* sp.(?) orchid leaves in aircargo from Peru.

Sphenospora saphena on *Oncidium pulchellum* orchid leaf in air baggage from Haiti and aircargo from Jamaica, on *Oncidium* sp. leaf in aircargo from Peru, and on orchid leaf in air baggage from Haiti. *S. saphena*(?) on *Ionopsis utricularioides* leaf in air baggage from Jamaica. This is a new host for this rust.

Uredo nidularii on bromeliad leaf in aircargo from Costa Rica and on tillandsia leaf in baggage and cargo from Mexico.

Uredo oncidii on *Ornithocephalus* sp. orchid leaf in aircargo from Panama and Peru and on *Rodriguezia* sp.(?) orchid leaf in aircargo from Peru.

Uromyces aloes on *Aloe dewettii*, *A. simii*, and *A. vryheidensis* in aircargo from the Republic of South Africa.

Uromyces fabae (5 times) on lentil in air baggage from Argentina, cargo and quarters from Chile, and stores from an unknown origin; and on broadbean in stores from the Netherlands.

NEMATODES

Aphelenchoides bicaudatus in sweetpotato in baggage from Mexico.

Aphelenchoides fragariae(?) in hyacinth bletilla stem in cargo from Japan.

Criconemoides mutabile in soil with flamboyant-tree, philodendron, and unidentified plant in baggage from Mexico.

Ditylenchus dipsaci in narcissus bulb in mail from England.

Helicotylenchus nannus in soil with asparagus, botree fig, citrus, *Echeveria* sp., laurel, pepper, spiderwort, and unidentified plant in baggage from Mexico.

Heterodera avenae, the oat nematode (12 times), in soil with the following: Freesia bulb in cargo from England, garlic and onion in cargo and grape root and lemon tree in baggage from Italy, potato in stores from Belgium, rose bush in mail from Germany, tulip bulb in cargo from Denmark, and used automobile in cargo from Sweden.

Heterodera cacti (27 times) in soil with begonia, cactus, fern, garlic, philodendron, tuberose, railway car, and unidentified plants from Argentina, Chile, France, Germany, Italy, Mexico, and Switzerland.

Heterodera punctata (14 times) in soil with amaryllis, automobile, babysbreath, begonia, cactus, grass sod, heather, philodendron, railway car, rose, and unidentified plant from Austria, Belgium, England, Germany, Mexico, Norway, and Switzerland.

Heterodera rostochiensis, the golden nematode (29 times), in soil sample and soil with chrysanthemum, shamrock, and violet plants in air baggage; in soil with strawberry plant in airmail; in soil with amaryllis, begonia, cactus, fern, *Haworthia papillosa*, ivy, palm, peony, and unidentified plant in baggage; in soil with dahlia root, *Dianthus* sp., horseshoe geranium, *Medinilla magnifica*, and rose plant in mail; and in soil with celeriac, celery, horseradish, lettuce, potato, and turnip in stores. Countries of origin were Belgium, England, Germany, Ireland, Mexico, Netherlands, Poland, Spain, and Sweden.

Meloidogyne arenaria, *M. arenaria arenaria* (first interception), *M. hapla*, *M. incognita*, *M. incognita acrita*, and *M. javanica*, rootknot nematodes, were intercepted from Argentina, England, Germany, Guatemala, Italy, Japan, Mexico, Netherlands, and the Republic of South Africa. Hosts were roots of the following: Alocasia, asparagus, beet, caladium, calla lily, capefuchsia, carrot, clematis, common edelweiss, coriander, *Cussonia* sp., *Euphorbia multiceps*, fragrant viburnum, gardenia, gerbera, rose bush, tuberose, tuberous begonia, and yam.

Pratylenchus penetrans in dahlia root in mail from Australia.

Pratylenchus pratensis in geranium in baggage from Mexico.

Psilenchus hilarulus in mesembryanthemum and in soil with unidentified plant in baggage from Mexico.

Radopholus similis in anthurium root in baggage from Hawaii.

Scutellonema brachyurum in soil with *Crassula* sp. and African-violet plants in baggage from Mexico.

Scutellonema christiei in soil with philodendron plant in baggage from Mexico.

Tylenchorhynchus capitatus in soil with citrus plant in baggage from Mexico.

Tylenchus costatus in soil with African-violet plant in baggage from Mexico.

Tylenchus filiformis in soil with African-violet plant in baggage from Mexico.

INCOMPLETELY DETERMINED PESTS

Sometimes it is not possible to complete a determination as to species, due to the stage or condition of the insect or pathogen when intercepted or the fact that it is undescribed. Many of these pests are (1) of potential economic importance, (2) unreported from the country of origin or the United States, or (3) new to the host plant. Some of the significant ones are included in this writeup, but not in the table. This year there were 2,765 insects, 525 diseases, and 195 nematodes, or a total of 3,485 incompletely determined interceptions considered important enough to record.

INCOMPLETELY DETERMINED FRUIT FLIES

There were 230 incompletely determined fruit fly interceptions as follows:

Anastrepha sp., possibly *fraterculus* (Wied.) (4 times) in coffee berry in air baggage from Brazil and Colombia, loquat in air baggage from Brazil, and quince in air baggage from Peru.

Anastrepha sp., possibly *ludens* (9 times) in kaki persimmon in air baggage from Mexico, mamey and mamey sapote in baggage from Mexico, mango in baggage from Mexico and quarters from Panama, sweet orange in air stores from Guatemala, and white sapote in baggage from Mexico.

Anastrepha sp., possibly *mombinpraeoptans* (15 times), in avocado in air baggage from El Salvador; in mango in air baggage from Aruba, El Salvador, Guatemala, and Panama and in airmail, baggage, and quarters from Puerto Rico; in mombin in air baggage from Costa Rica and Guatemala; in tropical almond in air baggage from Jamaica; and in unidentified fruit in baggage from Mexico.

Anastrepha sp., possibly *serpentina* (3 times), in mamey in air baggage and sapote in air baggage and baggage from Mexico.

Anastrepha sp., possibly *striata* (Schin.) (9 times), in guava in air baggage from Panama and baggage from Mexico; and in sweet orange in air baggage from Guatemala.

Anastrepha sp., possibly *suspensa* (11 times), in guava in air baggage from Cuba and Puerto Rico, in rose-apple in air baggage from the Dominican Republic, in sapodilla in air baggage from Cuba, and in tropical almond in air baggage from Jamaica and Puerto Rico and baggage from an unknown origin.

Anastrepha sp., (127 times) in *Annona* sp., apple, baggage, cherimoya, custard-apple, grapefruit, guava, mamey, mango, *Matisia cordata*, palm fruit, pear, pepper, purple mombin, quince, sapodilla, sapote, star-apple, sweet orange, tropical almond, unidentified fruit, and yellow mombin. Countries of origin were Argentina, Barbados, Brazil, British Honduras, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Trinidad, an unknown origin, and Venezuela. *Anastrepha* sp. (?) (twice) in Arabian coffee berry in air baggage from Jamaica and Mandarin orange in air stores from Brazil (?).

Dacus sp., probably *ciliatus* Loew (once) in cucumber in stores from Senegal.

Dacus sp., possibly *cucumerius* Sack (once) in cucumber in stores from French West Africa (intercepted before the division of this country).

Dacus sp. (7 times) in avocado in air quarters from an unknown origin, cucumber in stores from the Ivory Coast, and guava in air baggage from American Samoa, Hawaii, and the Philippines. *Dacus* sp. (?) (once) in soursop in air baggage from French Equatorial Africa (intercepted before the division of this country).

Rhagoletis sp., possibly *cerasi* (once), in plum in air stores from Spain.

Rhagoletis sp. (13 times) in apple, black walnut, and red haw in baggage from Mexico and jujube in air baggage from Italy. *Rhagoletis* sp. (?) (6 times) in apple in air baggage from Mexico, air stores from an unknown origin, and baggage from Italy; in *Crataegus grayana* fruit in mail from an unknown origin; in miyama cherry seed in mail from Japan; and in pear in baggage from Mexico.

Tephritidae, genus and species of Tephritinae (twice) on *Bellis* sp. in air quarters from an unknown origin and on flower with seed in air baggage from Guatemala. Tephritidae, probably Tephritinae (once) on composite flower in packing material in cargo from Mexico.

Tephritidae (16 times) in common smoketree seed in mail from Austria, globe artichoke leaf in air baggage from Italy, green pea in stores from Japan, guava in airmail from Puerto Rico, mango skins in air quarters from Brazil, *Osteospermum spinosum* seed in aircargo from the Republic of South Africa, peach in air baggage from an unknown origin, pepper in air baggage from the Philippines, *Physalis* sp. in cargo from Mexico, plantain in air baggage from Hawaii, pomegranate in baggage from Italy, Satsuma orange in air baggage from Colombia, shelled corn in air baggage from Brazil, and tropical almond in air baggage and mail from Hawaii. Tephritidae (?) (twice) in *Dioon edule* plant in cargo from Mexico and tuberose lei in air baggage from Tahiti.

Terellia sp. (once) in globe artichoke in baggage from France.

INSECTS OTHER THAN FRUIT FLIES

Of special interest among the incompletely determined insects, other than fruit flies, were the following:

Acalles sp. (Curculionidae), not in the U.S. National Museum Collection, in cyclamen bulb in cargo from Italy.

Aegyptobia n. sp. (Tenuipalpidae) on leaf of dwarf pyramid Chinese juniper in baggage from Japan.

Agriotes sp., near *obscurus* (L.) (Elateridae), in beet in stores from Italy.

Aleyrodidae, new genus near *Aleurodicus*, n. sp., on *Epidendrum fragrans* leaf in aircargo from Nicaragua; and on orchid leaf in aircargo from British Honduras and baggage and cargo from Mexico.

Aphidae, perhaps Pemphiginae, not found in literature or in the U.S. National Museum Collection, on clematis seed in airmail from Japan.

Argyresthia sp., near *eugeniella* Busck (Hyponomeutidae), in guava in air baggage from El Salvador.

Argyresthia sp. (Hyponomeutidae) on pyramid Chinese juniper in air baggage from Japan.

Argyroploce sp. (Olethreutidae) in bell pepper in stores from the Republic of South Africa.

- Athalia* sp. (Tenthredinidae) in petsai in stores from Japan.
- Athous* sp. (Elateridae) in soil with azalea plant in air baggage from Belgium.
- Blastodacna* sp. (Cosmopterygidae) in peach in air stores from Italy.
- Blissus* n. sp. (Lygaeidae) on *Andropogon* sp. grass sample in baggage from Mexico.
- Brachyrhinus* sp. (Curculionidae) with packing material in cargo from the Netherlands.
- Cacaecimorpha* sp., near or *pronubana* (Tortricidae), in sweet orange in baggage from Italy.
- Ceroplastes* sp., may be *cirripediformis* Comst. (Coccidae), on holly malpighia in air baggage from Bermuda.
- Ceroplastes* sp., may be *rusci* complex (Coccidae), on *Eucalyptus* sp.(?) leaf in air baggage from India.
- Ceroplastes* sp. (Coccidae) on bird-of-paradise-flower leaf in aircargo from Italy, on chrysanthemum plant in air baggage from Venezuela, on gardenia leaf in mail from Australia, on laurel in quarters from Italy, on mint plant in air baggage from Cuba, on passionflower in baggage and plumeria in air baggage from Hawaii, and on unidentified leaf in baggage from Italy.
- Chirothrips* sp., probably *aculeatus* Bgn. (Thripidae), on mixed cut flowers in air baggage and nursery stock in cargo from Germany.
- Chrysomphalus* sp., undescribed (Coccidae), on bromeliad leaf in aircargo from Jamaica.
- Cocotrypes* sp. (Scolytidae) in betel palm nut in baggage from India.
- Coptotermes* sp., probably *testaceus* (L.) (Rhinotermitidae), in rosewood log in cargo from Brazil.
- Coptotermes* sp. (Rhinotermitidae) in *Paurotis wrighti* log in cargo from Mexico.
- Dallasiellus* sp. (Pentatomidae), not in U.S. National Museum Collection, on orchid leaf in aircargo from Nicaragua and baggage from Mexico.
- Diaprepes* sp., evidently *famelicus* (Ol.) var. (Curculionidae), on marigold flower in air baggage from Bermuda.
- Diatraea* sp., near or *considerata* Hein. (Crambidae), on sugarcane in baggage from Mexico.
- Diatraea* sp., near or *magnifactella* Dyar (Crambidae), on sugarcane in baggage from Mexico.
- Dinurothrips* sp., may be *hookeri* Hood (Thripidae), very pale for any described species, on orchid plant in aircargo from Peru.
- Dysdercus* sp., possibly *mavrus* Dist. (Pyrrhocoridae), with bromeliad plant in airmail from Brazil.
- "*Eulia*" sp. (Tortricidae) in plum, peach, and grape in cargo from Chile.
- Eurytoma* sp. (Eurytomidae) in bromeliad seed pod in aircargo from Peru, with kafirbread seed in mail from the Republic of South Africa, and in galls on eucalyptus in aircargo from Australia.
- Euura* sp. (Tenthredinidae) in willow twig tie in air baggage from Switzerland.
- Euzophora* sp., near or *bigella* (Zell.) (Phycitidae), in quince in baggage from Greece.
- Fiorinia* sp., not placed as anything described (Coccidae), on date in air baggage from Saudi Arabia.
- Gnorimoschema* sp., near or *borsaniella* (Koehl.) (Gelechiidae), in pepper in air baggage from Argentina.
- Harmolita* sp. (Eurytomidae) on pampasgrass in air baggage from Turkey and on esparto grass in cargo from Italy.
- Heilipus* sp. (Curculionidae) in avocado seed in air baggage from Panama and baggage from Mexico.
- Heliothis* sp., presumably *armigera* (Hbn.) (Noctuidae), with cauliflower in stores from Greece, in chili pepper in stores from Japan, in tomato in cargo from the Canary Islands, in eggplant in stores from the Republic of South Africa, and in corn stalk in aircargo from Spain.
- Hyperodes* sp. (Curculionidae) in carrot in stores from Argentina.
- Ips* sp. (Scolytidae) in pine bark in dunnage from Japan and crate in cargo from Italy.
- Laspeyresia* sp. (Olethreutidae), not represented by larval stage in the U.S. National Museum Collection, in broadbean in aircargo from Italy.
- Lecanium* sp. (Coccidae) on dwarf English yew in cargo from England and on podocarpus leaf in airmail from the Netherlands.
- Lixus* sp. (Curculionidae) on wawa log in cargo from Ghana.
- Lygaeidae, subfamily Pachygronthinae, not represented in the U.S. National Museum Collection, on protea seed in aircargo from the Republic of South Africa.

Malacorhinus sp. (Chrysomelidae), not in the U.S. National Museum Collection, on orchid plant in air baggage from Jamaica(?).

Megastigmus sp. (Torymidae) in white spruce seed in cargo from Denmark.

Mesolecanium sp. (Coccidae), not placed as described, on bromeliad in cargo from Mexico.

Miridae, subfamily Bryocorinae, tribe Bryocorini, not in the U.S. National Museum Collection, on agave in cargo from Mexico.

Myelois group (Phycitidae), a species not represented in the U.S. National Museum Collection, on Ivorycoast cherry-orange in airmail from the Republic of the Congo.

Nematus sp. (Tenthredinidae) on birch leaf in air baggage from Italy.

Neocattarus sp. (Lygaeidae), probably new, on bromeliad, orchid, and philodendron plants in baggage from Mexico and orchid plant in aircargo from Guatemala.

Olethreutidae, not represented by larval stage in the U.S. National Museum Collection, in legume pod in stores from Japan.

Phatnoma sp. (Tingidae), not in the U.S. National Museum Collection, in cacao bean pod in air baggage from Ecuador.

Phyllobrotica sp. (Chrysomelidae) on lily bulb in cargo from Japan.

Pieris sp., probably *brassicae* (Pieridae), with military cargo from Greece.

Premnotrypes sp. (Curculionidae) (7 times) in potato in air baggage and stores from Colombia and Peru.

Reticulitermes sp., probably *lucifugus* (Rossi) (Rhinotermitidae), on dahlia root in baggage from Greece.

Steneotarsonemus sp. (Tarsonemidae), probably n. sp., on sweet orange in air stores from Jamaica.

Stephanopachys sp., probably *quadricollis* (Marseul) (Bostrichidae), in pine wood in cargo from Portugal.

Tetranychus sp., probably undescribed, near *cinnabarinus* (Bois) (Tetranychidae), on nettlespurge in baggage from Aruba.

Xyloperthodes sp., probably *nitidipennis* (Murray) (Bostrichidae), in wawa log in cargo from Ghana.

INCOMPLETELY DETERMINED DISEASES

Of the 525 incompletely determined diseases which were recorded, the following are of special interest:

Ascochyta sp. on *Glycine javanica* seed in mail from Ethiopia. None reported from Ethiopia as far as is known.

Cercospora sp. on coriander in cargo from Puerto Rico and on mahonia in air baggage from Japan. None reported on mahonia as far as is known.

Colletotrichum sp. on leaf of oyster rhoeo in mail from Hawaii. None reported on this host as far as is known.

Coniothecium sp., may be *chomatosporum* Cda., on apple in cargo from New Zealand.

Coniothyrium sp. on lemon in stores from Aruba and on sour orange in stores from Japan.

Curvularia sp., probably *geniculata* group, on *Strongylodon macrobotrys* in aircargo from the Philippines.

Diorchidium sp. or *Dicheirinia* sp., probably new, on senna in baggage from Mexico.

Dothiorella sp., probably new, on orchid stem in aircargo from British Honduras and Venezuela.

Eremotheca sp. on *Odontoglossum* sp. leaf in cargo from Mexico.

Graphium sp. on Hindu lotus in stores from Japan. None reported on this host as far as is known.

Hormiscum sp. on boojamtree plant in baggage from Mexico.

Massaria sp. on *Conyza velutina* cutting in aircargo from the Federation of Malaya. None reported on this host as far as is known.

Monilia sp. on *Bombax* sp.(?) fruit in baggage from Mexico.

Mycosphaerella sp. on tree peony plant in aircargo from Japan.

Ophiobolus sp. on coconut in baggage from Hawaii and Tahiti.

Phomopsis sp. on flame amherstia in aircargo from Indonesia, *Lucia calathea* leaf petiole in aircargo from Canada, and smooth senna seed in mail from Southeast Asia.

Phyllosticta sp. on teatree in aircargo from Australia.

Phyllostictina sp. on maile alyxia in air baggage from Hawaii and nandina in air baggage from Japan.

Robillarda sp., close to *agrostidis* Sprague, on Bermuda grass in airmail from India.

Robillarda sp. on vanda orchid leaf in baggage from Venezuela.

Septoria sp. on common anthurium leaf in aircargo from Belgium and on coriander in baggage from Mexico.

Sphenospora sp., may be new, on *Huntleya burtii* orchid plant in aircargo from Costa Rica, on *Lycaste* sp.(?) leaf in aircargo from Peru, and on pansyorchid leaf in air baggage from Panama.

Sporodesmium sp., close to *tropicale* Ellis, on sago palm plant in air baggage from Okinawa. New to host as far as is known.

INCOMPLETELY DETERMINED NEMATODES

Aphelenchoides sp., closely related to *parietinus* (Bastian) Steiner, in dahlia root in mail from France.

Aphelenchoides sp. in dahlia root in cargo from Japan, geranium leaf in baggage from Mexico, oxalis bulb in aircargo from the Netherlands, narcissus plant in baggage from Mexico, and in soil with elephantsear plant, tuberose bulb, and unidentified cutting in baggage from Mexico.

Aphelenchus sp. in dahlia root in mail from France and in narcissus plant and soil with tuberose bulb in baggage from Mexico.

Criconemoides sp. in soil with banana and jasmine plants in baggage from Mexico.

Ditylenchus sp. in narcissus plant in baggage from Mexico.

Helicotylenchus sp. in soil sample and soil with African-violet, banana, cactus, coleus, gardenia, and unidentified cutting and plant in baggage from Mexico.

Heterodera sp., probably *rostochiensis*, in soil with *Haworthia papillosa* plant in baggage from Mexico.

Other members of the genus *Heterodera* were intercepted a total of 91 times from Argentina, Bahamas(?), Belgium, Bermuda, Chile, Colombia, Czechoslovakia, El Salvador, England, France, Germany, Ireland, Italy, Japan, Mexico, Netherlands, Norway, Spain, Sweden, and Yugoslavia. These were taken from a soil sample and soil, in air baggage and baggage, with gladiolus corm, unidentified bulb, and the following plants: Asparagus, begonia, cactus, carnation, Compositae, flamboyant-tree, gerbera, gloxinia, heather, ivy, Ming tree, myrtle, parsley, rosemary, sansevieria, unidentified plant, and walnut seedling; from soil in aircargo and cargo with aircraft engine, automobile, machinery, sun dried adobe brick, tank tracks, and the following plant material: Cape-cowslip bulb, garlic, lily bulb, and onion; from soil in air stores and stores with beet, carrot, celeriac, parsley, potato, turnip, and yam; and from soil in mail with dahlia root, iris rhizome, laurel tree, and rose bush.

Meloidogyne sp., probably *hapla*, in dahlia root in soldier's mail from an unknown origin.

Meloidogyne sp., probably n. sp., in tuberose bulb in cargo from Italy.

Meloidogyne sp. was intercepted 51 times in roots of agapanthus, alumroot, *Andromischus* sp., astilbe, begonia, caladium, calla lily, canna, clematis, Compositae, dahlia, dasheen, delphinium, echeveria, eucharis, freesia, gentian, gerbera, gloxinia, Japanese iris, monkshood, plantain-lily, *Reichsteineria cardinalis*, roundleaf resurrection-lily, rose bush, and unidentified cutting and plant. Countries of origin were Australia, Cuba, England, France, Germany, Greece, Guatemala, India, Israel, Italy, Japan, Mexico, Netherlands, Republic of South Africa, Spain, and Switzerland.

Pratylenchus sp. in dahlia root and Japanese iris rhizome in cargo from Japan, Christmas-rose and primrose roots in cargo from the Netherlands, resurrection-lily root in aircargo from England, and soil with laurel tree in baggage from Mexico.

Psilenchus sp. in soil with laurel tree and spiderwort plant in baggage from Mexico.

Rotylenchulus sp. in soil with unidentified plant in baggage from Jamaica.

Rotylenchus sp. in root of poinsettia plant in stores from Hawaii.

Scutellonema sp. in soil with unidentified plant in baggage from Mexico.

Tylenchorhynchus sp. in aluminum plant in air baggage from Germany and in soil with African-violet, laurel tree, and unidentified plant in baggage from Mexico.

Tylenchus sp. in soil with cactus plant and tuberose bulb in baggage from Mexico.

Xiphinema sp. in soil with unidentified plant in baggage from Mexico.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
Africa:			Europe—Continued		
Africa (country(?)).....	2	3	Belgium.....	18	8
Algeria.....	2	0	Bulgaria.....	2	0
Angola.....	1	0	Czechoslovakia.....	2	0
British West Africa.....	1	0	Denmark.....	5	3
Cameroun.....	1	0	England.....	99	28
Canary Islands.....	1	0	Finland.....	1	0
Cape Verde Islands.....	3	0	France.....	96	5
Ethiopia.....	1	0	France(?).....	2	1
Federation of Rhodesia and			Germany.....	47	16
Nyasaland.....	3	0	Greece.....	39	0
Gambia.....	1	0	Hungary.....	9	0
Kenya.....	3	1	Ireland.....	69	2
Liberia.....	1	0	Italy.....	332	14
Libya.....	5	0	Italy(?).....	1	0
Madeira Islands.....	1	0	Netherlands.....	59	9
Morocco.....	57	0	Netherlands(?).....	1	0
Mozambique.....	1	2	Northern Ireland.....	137	0
Nigeria.....	5	0	Norway.....	8	2
Republic of South Africa.....	27	35	Poland.....	14	2
Republic of the Congo.....	1	0	Portugal.....	19	1
Senegal.....	1	0	Rumania.....	1	0
Sudan.....	16	0	Scotland.....	16	1
Tanganyika.....	1	0	Spain.....	69	5
United Arab Republic.....	26	0	Sweden.....	4	2
Asia:			Switzerland.....	4	17
Asia (country(?)).....	0	2	Yugoslavia.....	7	0
Burma.....	1	0	North America:		
Ceylon.....	7	0	Bermuda.....	14	1
China.....	6	32	Canada.....	1	5
Cyprus.....	4	0	Central America:		
Federation of Malaya.....	3	0	British Honduras.....	36	5
Formosa.....	20	12	Canal Zone.....	17	3
Hong Kong.....	11	38	Costa Rica.....	25	9
India.....	83	7	El Salvador.....	22	0
Indonesia.....	2	0	Guatemala.....	35	4
Iran.....	4	0	Honduras.....	21	4
Iraq.....	1	0	Nicaragua.....	17	3
Israel.....	14	0	Panama.....	25	6
Israel(?).....	1	0	Panama(?).....	1	0
Japan.....	603	468	Mexico.....	479	136
Japan(?).....	6	0	West Indies:		
Korea.....	3	2	American Virgin Islands.....	2	0
Kuwait.....	1	0	Anguilla.....	1	0
Lebanon.....	12	0	Antigua.....	4	1
Pakistan.....	15	2	Bahamas.....	15	8
Singapore.....	7	1	Barbados.....	3	0
Thailand.....	8	3	British West Indies.....	2	0
Turkey.....	8	0	Cuba.....	75	1
Vietnam.....	1	1	Curacao.....	1	0
Australasia:			Dominica.....	2	0
American Samoa.....	3	1	Dominican Republic.....	22	2
Australia.....	12	41	Grand Cayman.....	3	0
Australia(?).....	1	0	Haiti.....	30	4
Canton Island.....	1	0	Jamaica.....	52	11
Christmas Island.....	4	0	Martinique.....	1	0
Eniwetok.....	0	1	Montserrat.....	1	0
Fiji.....	6	2	Netherlands West Indies.....	1	0
Fiji(?).....	2	0	Puerto Rico.....	41	2
Guam.....	6	2	Puerto Rico(?).....	1	0
Guam(?).....	1	0	St. Kitts.....	4	0
Hawaii.....	482	13	St. Lucia.....	3	0
Kwajalein.....	3	0	Tortola.....	1	0
Netherlands New Guinea.....	1	0	Trinidad.....	17	6
New Guinea.....	1	0	West Indies (island(?)).....	2	0
New Zealand.....	2	2	South America:		
Norfolk Island.....	0	8	Argentina.....	17	61
Okinawa.....	6	1	Argentina(?).....	1	0
Okinawa(?).....	2	0	Brazil.....	89	107
Palmyra Island.....	1	0	Brazil(?).....	1	0
Palmyra Island(?).....	1	0	British Guiana.....	5	0
Philippines.....	38	9	Chile.....	32	4
Philippines (?).....	3	0	Chile(?).....	0	1
Solomon Islands.....	1	0	Colombia.....	20	2
South Pacific.....	2	0	Ecuador.....	60	2
Southwest Pacific.....	1	0	Peru.....	19	18
Tahiti.....	8	1	South America (country(?)).....	1	0
West Pacific.....	0	1	Surinam.....	2	1
Europe:			Uruguay.....	0	3
Austria.....	2	1	Venezuela.....	10	1
Austria(?).....	1	0	Venezuela(?).....	2	0
Azores.....	15	0			

Summary of Numbers of Interceptions Listed in Main Table—Continued

Country	Insect	Disease	Country	Insect	Disease
Totals:			Totals—Continued		
Africa.....	161	41	Total incompletely deter-		
Asia.....	821	568	mined pests.....	2,765	720
Australasia.....	588	82	Total insect interceptions.....	6,775	
Europe.....	1,079	117	Total disease interceptions.....		2,033
North America.....	977	211	Grand total*.....		8,808
South America.....	259	200			
Unknown.....	125	94			
Total.....	4,010	1,313			

* This total represents only pests of known or potential plant quarantine importance or organisms of scientific interest. The total of all interceptions made during the year was 25,575.

NOTE.—Interceptions were also made from Aruba, Bolivia, Guadeloupe, Ivory Coast, Jordan, Midway Islands, St. Martin, Saudi Arabia, and Wake Island.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Acanthoderes circumflexa</i> (DuVal) (Ceramby- cidae):					
Airplane	Jamaica		1		Fla.
<i>Acanthoscelides obreptus</i> Bridwell (Bruchidae):					
<i>Phaselous lunatus</i> (lima bean)	Peru		1		Calif.*
<i>Acanthothrips coriaceus</i> (Hal.) (Phlaeothripidae):					
<i>Lathyrus odoratus</i> (sweetpea) flower	Sweden	1			N.Y.
<i>Aceria hibisci</i> (Nal.) (Eriophyidae):					
<i>Hibiscus rosa-sinensis</i> (Chinese hibiscus)	American Samoa		1		Hawaii.
<i>Aceria macrorhynchus</i> Nal. (Eriophyidae):					
<i>Acer</i> sp. (maple) leaf	Iran			1	D.C.
<i>Aceria pluchaeae</i> (Cook) (Eriophyidae):					
<i>Pluchea odorata</i> (leaf)	Haiti	1			Fla.
<i>Aceria tulipae</i> (Keif.) (Eriophyidae):					
<i>Allium cepa</i> (onion)	Ecuador		1		Calif.*
<i>A. sativum</i> (garlic)	Argentina, Venezuela		2		Fla., N.Y.
<i>Achaea janata</i> (L.) (Noctuidae):					
Flowers	Hawaii	1			Hawaii.
<i>Achatina fulica</i> Bowdich (Achatinidae):					
Baggage	do	3			Hawaii.
Mail (shell collection)	do	1			Hawaii.
Stone	Guam	1			Calif.*
<i>Aclerda fraterna</i> (Stal) (Pentatomidae):					
<i>Vitis</i> sp. (grape)	Chile	1			N.Y.
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium porrum</i> (leek)	France, Italy, Spain		7		N.Y., Pa.
<i>Acronica rumicis</i> (L.) (Noctuidae):					
<i>Juniperus chinensis</i> (pyramid Chinese juniper)	Japan			1	Hawaii.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
<i>Alpinia purpurata</i>	Hawaii	1			Hawaii.
<i>Adoxophyes orana</i> (F.R.) (Tortricidae):					
<i>Malus sylvestris</i> (apple)	Unknown		1		N.Y.
<i>Prunus persica</i> (peach)	do	1			N.Y.
<i>Rosa</i> hybrid (rose)	Netherlands			1	N.Y.
<i>Aegiale hesperiaris</i> (Wlk.) (Megathymidae):					
<i>Agave americana</i> (century plant)	Mexico	1			Tex.
<i>Aethus indicus</i> (Westw.) (Pentatomidae):					
Airplane	Japan		1		Hawaii.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (goldenshower senna) pod	Jamaica	1			Fla.
<i>Cassia</i> sp.	Dominican Republic	1			N.Y.
<i>Agroiconota propinqua</i> (Boh.) (Chrysomelidae):					
Bromeliad	Mexico			1	Ariz.
<i>Aleurocanthus spiniferus</i> (Q.) (Aleyrodidae):					
<i>Citrus aurantium</i> (sour orange) leaf	Japan		1		Calif.*
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (lime) leaf	Mexico	1			Tex.
<i>C. sinensis</i> (sweet orange) leaf	Jamaica		1		Fla.
<i>Citrus</i> sp. (leaf)	Mexico, Nicaragua	6			Calif.,* Tex.
<i>Aleuroglandulus emmae</i> Rsl. (Aleyrodidae):					
<i>Psidium guajava</i> (guava) leaf	Mexico			1	Calif.
<i>Aleurolobus marlatti</i> (Q.) (Aleyrodidae):					
<i>Citrus sinensis</i> (sweet orange)	Japan		1		Calif.*
<i>Aleurotrachelus camelliae</i> (Kuw.) (Aleyrodidae):					
<i>Camellia japonica</i> (common camellia) leaf	do			1	D.C.
<i>Aleurotuberculatus aucubae</i> (Kuw.) (Aleyrodi- dae):					
<i>Citrus aurantium</i> (sour orange)	do		1		Calif.*
<i>C. reticulata</i> (Mandarin orange)	do		1		Calif.*
<i>C. sinensis</i> (sweet orange)	do		3		Calif.,* Hawaii.
<i>Osmanthus fragrans</i> (sweet osmanthus)	do			1	Calif.*
<i>Alloxaxis spinosus</i> Arnett (Oedemeridae):					
Airplane	Antigua		1		Am. V.I.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	3			Tex.
<i>Amitermes foreli</i> Wasmann (Termitidae):					
<i>Dalbergia</i> sp. (rosewood) log	Brazil	1			La.
<i>Amitermes wheeleri</i> (Desn.) (Termitidae):					
Cactus	Mexico			1	Tex.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Annona cherimola</i> (cherimoya)-----	do-----	1	-----	-----	Tex.
<i>Citrus aurantifolia</i> (sweet lime)-----	do-----	6	-----	-----	Ariz., Tex.
<i>C. aurantium</i> (sour orange)-----	do-----	1	-----	-----	Tex.
<i>C. paradisi</i> (grapefruit)-----	do-----	8	1	-----	Tex.
<i>C. sinensis</i> (sweet orange)-----	Guatemala, Mexico-----	47	18	-----	Ala., Ariz., Calif., Calif.,* Fla., Ga., Ill., La., Tex.
<i>Cydonia oblonga</i> (quince)-----	Mexico-----	2	-----	-----	Tex.
<i>Mangifera indica</i> (mango)-----	Guatemala, Mexico-----	66	-----	-----	Ariz., Calif., Calif.,*Ill., N.Y., Tex.
<i>Punica granatum</i> (pomegranate)-----	Mexico-----	1	-----	-----	Ariz.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Calocarpum sapota</i> (sapote)-----	do-----	1	-----	-----	Tex.
<i>Mangifera indica</i> (mango)-----	Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Trinidad, West Indies (island(?)).	103	21	-----	Ala., Calif., Calif.,* Fla., Ga., Ill., La., Md., N.Y., Pa., P.R., Tex.
<i>Spondias mombin</i> (yellow mombin)-----	El Salvador, Guatemala, Honduras, Nicaragua, Puerto Rico.	14	-----	-----	Calif.,* Fla., P.R.
<i>S. purpurea</i> (purple mombin)-----	Colombia-----	1	-----	-----	Fla.
<i>Spondias</i> sp.-----	Costa Rica-----	1	-----	-----	Fla.
<i>Terminalia catappa</i> (tropical almond)-----	American Virgin Islands-----	1	-----	-----	Fla.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Calocarpum sapota</i> (sapote)-----	Mexico, Nicaragua-----	2	-----	-----	Calif.*
<i>Chrysophyllum cainito</i> (star-apple)-----	Nicaragua-----	1	-----	-----	Calif.*
<i>Sideroxylon tempisque</i> (Tempisque jungleplum)	Mexico-----	-----	-----	1	Tex.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
Airplane-----	Puerto Rico(?)-----	-----	1	-----	Fla.
<i>Psidium guajava</i> (guava)-----	Puerto Rico-----	1	-----	-----	P.R.
<i>Ancognatha scarabaeoides</i> Er. (Scarabaeidae):					
Airplane-----	Unknown-----	-----	1	-----	Fla.
<i>Ancylostomia stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Bahamas, British West Indies, Colombia, Dominican Republic, Haiti, Panama, St. Kitts.	19	-----	-----	Am. V.I., Bahamas, Fla., N.Y., P.R., Tex.
<i>Phaseolus vulgaris</i> (bean)-----	Jamaica, Panama-----	3	-----	-----	Fla.
<i>Pisum sativum</i> (pea)-----	Panama, Puerto Rico-----	2	-----	-----	Calif.,* Ill.
<i>Andrector salvini</i> (Baly) (Chrysomelidae):					
Orchid-----	Canal Zone-----	-----	-----	1	Calif.*
<i>Anoplotermes ater</i> (Hagen) (Termitidae):					
Wood (crate for monkey)-----	Colombia-----	1	-----	-----	Fla.
<i>Antonina graminis</i> (Mask.) (Coccidae):					
<i>Digitaria decumbens</i> (pangolagrass)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Anuraphis apiifoliae</i> (Theob.) (?) (Aphidae):					
<i>Foeniculum vulgare</i> (common fennel)-----	Italy-----	-----	1	-----	Pa.
<i>Petroselinum crispum</i> (parsley)-----	Bermuda-----	1	-----	-----	N.Y.
<i>Anuraphis cardui</i> (L.) (Aphidae):					
<i>Cynara scolymus</i> (artichoke)-----	Italy-----	2	1	-----	N.Y., Tex.
Flowers-----	Sweden-----	-----	1	-----	Mass.
<i>Aonidiella citrina</i> Coq. (Coccidae):					
<i>Citrus limon</i> (lemon)-----	Israel-----	-----	1	-----	Mich.
<i>C. paradisi</i> (grapefruit)-----	Japan-----	-----	1	-----	Hawaii.
<i>C. sinensis</i> (sweet orange)-----	Australia-----	-----	1	-----	Hawaii.
<i>C. sinensis</i> x <i>Poncirus trifoliata</i> (citrange)-----	Argentina-----	-----	-----	1	D.C.
<i>Citrus</i> sp.-----	Japan, Lebanon-----	-----	1	1	N.J., Hawaii
<i>Aonidiella comperei</i> McKenzie (Coccidae):					
<i>Jasminum</i> sp. (jasmine)-----	Cuba-----	1	-----	1	Fla.

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Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Aonidiella inornata</i> McKenzie (Coccidae): <i>Mangifera indica</i> (mango).....	Philippines.....	1	-----	-----	Hawaii.
<i>Aphis callunae</i> Theob. (Aphidae): <i>Calluna vulgaris</i> (heather).....	Germany, Norway, Scotland.....	3	-----	1	N.Y.
<i>Apion carduorum</i> Kirby (Curculionidae): <i>Cynara scolymus</i> (artichoke).....	Italy.....	1	-----	-----	N.Y.
<i>Ardis sulcata</i> (Cam.) (Tenthridinidae): <i>Rosa</i> hybrid.....	do.....	-----	-----	1	N.Y.
<i>Arge ochropa</i> (Gmel.) (Argidae): <i>Dianthus caryophyllus</i> (carnation).....	Germany.....	1	-----	-----	N.Y.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae): <i>Malus sylvestris</i> (apple).....	Norway, Poland.....	1	1	-----	Ill., N.Y.
<i>Arphnus melanotylus</i> Ashlock (Lygaeidae): Bromeliad.....	Mexico.....	-----	-----	2	Tex.
<i>Ascia monuste</i> (L.) (Pieridae): Baggage (with dog crate).....	Cuba.....	1	-----	-----	Fla.
<i>Aspidiotus degeneratus</i> (Leon) (Coccidae): <i>Camellia</i> sp. (leaf).....	Japan.....	-----	-----	2	D.C., Hawaii.
<i>Vaccinium bracteatum</i> (oriental blueberry).....	do.....	-----	-----	1	D.C.
<i>Aspidiotus destructor</i> Sign. (Coccidae): <i>Annona squamosa</i> (sugar-apple).....	Cuba.....	1	-----	-----	Fla.
<i>Citrus sinensis</i> (sweet orange).....	do.....	1	-----	-----	Fla.
<i>Cocos nucifera</i> (coconut).....	Bahamas, Costa Rica, Honduras, Mexico, Panama, Philippines.....	6	5	1	Calif.,* Fla., Tex.
<i>Kentia</i> sp. (palm).....	Philippines.....	-----	1	-----	Calif.*
<i>Nerium oleander</i> (oleander).....	Bahamas.....	-----	1	-----	Fla.
Palm (seed coat).....	Cuba.....	-----	-----	1	Fla.
<i>Pandanus amaryllifolius</i> (screwpine).....	Indonesia.....	-----	-----	1	D.C.
<i>Rosa</i> hybrid (rose) leaf.....	Tortola.....	-----	-----	1	Am. V.I.
<i>Aspidiotus excisus</i> Green (Coccidae): <i>Cocos nucifera</i> (coconut).....	Philippines.....	-----	1	-----	Calif.*
<i>Aspidiotus herculeanus</i> Ckll. & Hadden (Cocci- dae): <i>Macadamia</i> sp. (bark).....	Australia.....	-----	-----	1	Calif.*
<i>Aspidiotus mendax</i> (McKenzie) (Coccidae): Orchid (leaf).....	Guatemala.....	-----	-----	1	Fla.
<i>Aspidiotus palmae</i> Ckll. (Coccidae): <i>Citrus sinensis</i> (sweet orange).....	Costa Rica.....	-----	1	-----	Calif.*
<i>Cocos nucifera</i> (coconut) cap and stem.....	Costa Rica, Mexico.....	1	1	-----	Calif.*
<i>Kentia</i> sp. (palm) leaf.....	Philippines.....	-----	1	-----	Calif.*
Orchid (leaf).....	Guatemala.....	-----	-----	1	Fla.
<i>Aspidiotus pangoensis</i> Doane & Ferris (Cocci- dae): <i>Cocos nucifera</i> (coconut).....	American Samoa.....	1	-----	-----	Hawaii.
<i>Aspidiotus pyri</i> Licht. (Coccidae): <i>Platanus orientalis</i> (oriental planetree).....	Greece.....	-----	-----	1	D.C.
<i>Aspidiotus zonatus</i> Frfld. (Coccidae): <i>Quercus pontica</i> (Pontic oak).....	Netherlands.....	-----	-----	1	D.C.
<i>Asterobemisia carpini</i> (Koch) (Aleyrodidae): <i>Rubus</i> sp. (leaf).....	France.....	-----	4	-----	Mass., Wash.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae): <i>Bambusa multiplex</i>	Puerto Rico.....	-----	-----	2	D.C.
<i>Asterolecanium epidendri</i> (Bouché) (Coccidae): <i>Bifrenaria aureofulva</i> (hardy terrestrial orchid) leaf.....	Brazil.....	-----	-----	1	Fla.
<i>Broughtonia</i> sp. (orchid) leaf.....	Jamaica.....	-----	-----	1	Fla.
<i>Catasetum barbatum</i> (orchid) leaf.....	Brazil.....	-----	-----	1	N.J.
<i>Cattleya</i> sp. (orchid) leaf.....	do.....	-----	-----	1	Fla.
<i>Epidendrum ciliare</i> (orchid) leaf.....	Costa Rica.....	-----	-----	1	Calif.*
<i>Epidendrum</i> sp. (leaf).....	Cuba.....	-----	-----	1	Fla.
Orchid (leaf).....	Brazil, Germany, Jamaica.....	-----	-----	5	Fla., N.Y.
<i>Peristeria pendula</i> (orchid) leaf.....	British Guiana.....	-----	-----	1	N.Y.
<i>Asterolecanium inlabefactum</i> Rsl. (Coccidae): <i>Chamaedorea oblongata</i> (palm) leaf.....	Mexico.....	1	-----	-----	Tex.
<i>Asterolecanium miliaris robustum</i> Green (Cocci- dae): Bamboo (leaf).....	do.....	1	-----	-----	Ariz.
<i>Asterolecanium simile</i> Rsl. (Coccidae): Palm.....	Jamaica.....	1	-----	-----	Fla.

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		Consumption	Nonentry	Propagation	
<i>Athalia colibri</i> (Christ) (Tenthredinidae): <i>Lactuca sativa</i> (lettuce).....	France.....		1		N.Y.
<i>Augocoris illustris</i> (F.) (Pentatomidae): Quarters.....	Cuba.....		1		Fla.
<i>Aulacaspis crawii</i> (Ckll.) (Coccidae): <i>Murraya paniculata</i> (orange-jasmine).....	Hawaii.....	1			Hawaii.
<i>Aulacaspis tubercularis</i> Newst. (Coccidae): <i>Mangifera indica</i> (mango).....	El Salvador, Honduras, Philippines, Venezuela.	7	1	1	Calif.,* Fla., Hawaii, P.R.
<i>Aulacoscelis melanocera</i> Dup. & Chevr. (Chrysomelidae): Cactus.....	Mexico.....			1	Tex.
<i>Automolis ataenia</i> Schaus (Arctiidae): <i>Musa paradisiaca</i> (plantain).....	Guatemala.....	1			La.
<i>Auximobasis coffeaella</i> Busck (Blastobasidae): <i>Coffea arabica</i> (Arabian coffee) berry.....	Costa Rica.....	1			Fla.
<i>Azochis gripusalis</i> Wlk. (Pyraustidae): <i>Ficus carica</i> (fig) stem.....	Brazil.....			1	P.R.
<i>Batrachedra linaria</i> Clarke (Cosmopterygidae): <i>Agave</i> sp.....	Mexico.....			2	Calif.
<i>Bemisia citricola</i> Gomez-Menor (Aleyrodidae): <i>Citrus sinensis</i> (sweet orange) leaf.....	France.....	1			Ohio.
<i>Bemisia tabaci</i> (Genn.) (Aleyrodidae): <i>Cananga odorata</i> (ylangylang).....	Singapore.....			1	Hawaii.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae): <i>Annona muricata</i> (soursop) seed.....	Colombia.....	1			Fla.
<i>Blastobasis inana</i> (Btlr.) (Blastobasidae): <i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Hawaii.
<i>Blissus diplopterus</i> Dist. (Lygaeidae): <i>Hakea</i> sp. (seed).....	Republic of South Africa.			1	D.C.
<i>Bostrychoplites cornutus</i> (Ol.) (Bostrichidae): Wood (carving).....	do.....	1			Tex.
<i>Brachycerus algius</i> (F.) (Curculionidae): <i>Allium sativum</i> (garlic).....	Spain.....	1			P.R.
<i>Bradybaena similis</i> (Fer.) (Bradybaenidae): <i>Alpinia purpurata</i>	Hawaii.....			1	Hawaii.
<i>Anthurium</i> sp.....	do.....	1			Hawaii.
<i>Cordyline terminalis</i> (ti).....	do.....			1	Calif.*
Flowers.....	do.....	1			Hawaii.
<i>Heliconia</i> sp.....	do.....	1			Hawaii.
<i>Ipomoea batatas</i> (sweetpotato).....	do.....	1			Hawaii.
Orchid.....	do.....	1			Hawaii.
Soil with <i>Asparagus</i> sp.....	Bermuda.....			1	Mass.
<i>Vanda</i> 'Miss Joaquim' (orchid).....	Hawaii.....	3			Hawaii.
<i>Vanda</i> sp.....	do.....	2			Hawaii.
<i>Bradysia carbonaria</i> (Meig.) (Sciaridae): Automobile.....	Ireland.....	1			Pa.
<i>Brevipalpus chilensis</i> Baker (Tenuipalpidae): <i>Citrus limon</i> (lemon).....	Chile.....		2		Fla.
<i>Phragmites</i> sp. (reed) straw jacket.....	do.....	1			Fla.
<i>Vitis</i> sp. (grape).....	do.....	2			Fla., N.Y.
<i>Brevipalpus obovatus</i> Donn. (Tenuipalpidae): <i>Citrus limon</i> (lemon).....	Italy(?), Spain.....	2			N.Y.
<i>C. reticulata</i> (Mandarin orange).....	Argentina.....		1		N.Y.
<i>Fuchsia</i> sp.....	New Zealand.....			1	Hawaii.
<i>Lippia</i> sp.....	Argentina.....			1	Fla.
<i>Mentha</i> sp. (mint).....	Mexico.....	1			Tex.
<i>Rhododendron</i> sp. (azalea).....	Japan.....			1	Hawaii.
<i>Ruta graveolens</i> (common rue).....	Mexico.....			1	Calif.
<i>Brevipalpus phoenicis</i> (Geijskes) (Tenuipalpidae): <i>Annona muricata</i> (soursop).....	Haiti.....	1			Fla.
<i>Citrus paradisi</i> (grapefruit).....	Colombia.....	1			Fla.
<i>C. reticulata</i> (Mandarin orange).....	Argentina, Brazil.....		2		Fla., N.Y.
<i>C. sinensis</i> (sweet orange).....	Argentina, Brazil, Colombia.	5	2		Fla., N.Y.
<i>Coffea</i> sp. (coffee) leaf.....	Brazil.....	1			Tex.
<i>Ixora</i> sp. (flower).....	Tahiti.....	1			Hawaii.
<i>Tecomaria capensis</i> (Cape honeysuckle).....	Hawaii.....	1			Hawaii.
Wood (twig—unidentified).....	Spain.....		1		Fla.
<i>Bruchus affinis</i> Froel. (Bruchidae): <i>Lathyrus odoratus</i> (sweetpea) seed.....	Netherlands.....			1	N.J.

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<i>Bruchus emarginatus</i> Allard (Bruchidae): <i>Lathyrus latifolius</i> (perennial pea) seed	France			1	Calif.*
<i>Bruchus ervi</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil)	Greece, Iran, Italy, Lebanon.	12		1	D.C., Mass., N.Y.
<i>Pisum sativum</i> (pea)	Italy	1			N.Y.
<i>Bruchus guttalis</i> Rey (Bruchidae): Straw (jacket)	Haiti	1			Fla.
<i>Vicia sativa</i> (vetch) seed and straw jacket	Portugal	5			N.J., S.C.
<i>Bruchus lentis</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil)	Germany, Greece, Italy, Spain.	6	9		Mass., Mich. N.Y., N.C., Pa., S.C., Tex.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae): <i>Lens culinaris</i> (lentil)	France, Italy, Spain	14	1		Mass., N.Y.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae): <i>Cicer arietinum</i> (chickpea)	Azores	1			Mass.
<i>Lathyrus</i> sp. (seed)	Belgium			1	Mich.
<i>Bruchus tristis</i> Boh. (Bruchidae): <i>Lathyrus sativus</i> (grass pea)	Italy	6			N.J., N.Y.
<i>Lupinus albus</i> (white lupine) seed	do	1			N.Y.
<i>Pisum sativum</i> (pea)	Greece		1		La.
<i>Vicia faba</i> (broadbean)	Italy	1			N.Y.
<i>Bryobia eharu</i> Pritchard & Keifer (Tetranychidae): <i>Chrysanthemum morifolium</i>	Japan	2			Hawaii.
<i>Cacaecimorpha pronubana</i> (Hbn.) (Tortricidae): <i>Punica granatum</i> (pomegranate)	Italy	2			N.Y.
<i>Sechium edule</i> (chayote)	do	1			N.Y.
<i>Calameuta idolon</i> (Rossi) (Cephididae): <i>Oryza sativa</i> (rice) straw packing	Greece	1			N.Y.
<i>Callidium rufipenne</i> Motsch. (Cerambycidae): Baggage	Japan	1			Hawaii.
<i>Cryptomeria</i> sp. (crate)	do	1			Hawaii.
<i>Cupressus</i> sp. (cypress)	do		1		Fla.
Packing (cellulose paper)	do	1			N.Y.
<i>Paeonia suffruticosa</i> (tree peony)	do			2	N.J.
<i>Pinus</i> sp. (pine)	do		1		Fla.
<i>Callidium violaceum</i> (L.) (Cerambycidae): Wood (crate)	Spain	1			Va.
<i>Callipogon armillatum</i> (L.) (Cerambycidae): Airplane	Unknown		1		Fla.
<i>Callosobruchus ademptus</i> (Sharp) (Bruchidae): <i>Pueraria lobata</i> (seed)	Korea			1	N.J.
<i>Callosobruchus analis</i> (F.) (Bruchidae): <i>Cajanus cajan</i> (pigeonpea)	India		1		Tex.
Stores (flour and sugar)	do		1		La.
<i>Vicia faba</i> (broadbean)	Burma	1			Hawaii.
<i>Callosobruchus rhodesianus</i> (Pic) (Bruchidae): <i>Lens culinaris</i> (lentil)	Unknown		1		N.Y.
<i>Phaseolus vulgaris</i> (bean)	do		1		N.Y.
<i>Vigna sinensis</i> (common cowpea)	Republic of the Congo			1	D.C.
<i>Calyptocephala marginipennis</i> Boh. (Chrysomelidae): <i>Chamaedorea oblongata</i> (palm) leaf	Mexico	1			Tex.
<i>Camirus moestus</i> (Stal) (Pentatomidae): Cactus	do			1	Tex.
<i>Carposina niponensis</i> Wlsm. (Carposinidae): <i>Malus sylvestris</i> (apple)	Japan		1		N.C.
<i>Caryedon gonagra</i> (F.) (Bruchidae): <i>Arachis hypogaea</i> (peanut)	Nigeria		1		Ohio.
<i>Cassia fistula</i> (goldenshower senna) pod	Hawaii	4		1	Hawaii.
<i>C. nodosa</i> (jointwood senna)	do			1	Hawaii.
<i>C. tora</i> (sickle senna)	Kenya	1			N.J.
<i>Cassia</i> sp. (pod)	Hawaii			1	Hawaii.
<i>Dialium guineense</i> (velvet-tamarind) pod	Cape Verde Islands	2			N.Y.
Seed—unidentified	Hawaii	2			Hawaii.
<i>Tamarindus indica</i> (tamarind) pod	Cape Verde Islands, Curacao, Japan(?), Mexico, Philippines, Portugal.	5		1	Hawaii, N.Y., Tex., Wash.

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<i>Cassida circumdata</i> Hbst. (Chrysomelidae): Airplane	South Pacific		1		Hawaii.
<i>Cecilioides acicula</i> (Müller) (Achatinidae): <i>Fragaria</i> sp. (strawberry) plant	Switzerland			1	Calif.*
Orchid (plant)	Canal Zone			1	Fla.
Soil	Czechoslovakia, Mexico	1	1		Mich., Tex.
<i>Centrotus cornutus</i> (L.) (Membracidae): <i>Rosa</i> hybrid (rose) leaf	France	1			N.Y.
<i>Cepaea hortensis</i> (Müller) (?) (Helicidae): <i>Tropaeolum</i> sp. (nasturtium) seed	Netherlands			1	Pa.
<i>Cephaloleia pretiosa</i> Baly (Chrysomelidae): <i>Dracaena</i> sp. (leaf)	Panama	1			Fla.
<i>Ceramidia viridis</i> (Druce) (Amatidae): <i>Musa paradisiaca</i> var. <i>sapientum</i> (banana)	Ecuador	4			Fla., La., N.Y.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae): Airplane	Hawaii		1		Hawaii.
<i>Asimina</i> sp. (pawpaw)	Portugal	1			N.Y.
<i>Citrus limon</i> (lemon)	Lebanon	1			N.Y.
<i>C. paradisi</i> (grapefruit)	Turkey, United Arab Republic	1	1		Ga., N.Y.
<i>C. reticulata</i> (Mandarin orange)	Greece, Italy, Portugal, Spain, unknown.	19	12		Calif.,* Md., Mass., N.Y., Pa.
<i>C. sinensis</i> (sweet orange)	Argentina, Brazil, Greece, Italy, Portugal, Spain, unknown.	12	12		Ala., Calif.,* Fla., La., Md., N.Y. Md., N.Y., P.R., S.C., Tex.
<i>Coffea arabica</i> (Arabian coffee)	Costa Rica, Hawaii	63			Calif.,* Fla., Hawaii.
<i>Coffea</i> sp.	Brazil, Costa Rica, Hawaii	11			Calif.,* Fla., Hawaii, N.Y., P.R. Tex.
<i>Cydonia oblonga</i> (quince)	Greece, Israel	2		1	N.Y.
<i>Eriobotrya japonica</i> (loquat)	Azores, Iran, Italy	3			Mass., N.Y.
<i>Ficus carica</i> (fig)	Azores, Cyprus, Greece, Italy	7	1		N.Y., Pa.
<i>Malus sylvestris</i> (apple)	Italy, unknown	1	1		N.Y., P.R.
<i>Mangifera indica</i> (mango)	Hawaii	1			Hawaii.
<i>Opuntia humifusa</i> (common pricklypear)	Italy	10			N.Y., Pa.
<i>Opuntia</i> sp.	Greece, Italy	10			N.Y.
<i>Prunus armeniaca</i> (apricot)	Portugal, Republic of South Africa	1	1		N.Y.
<i>P. persica</i> (peach)	Italy, Peru, Portugal, Spain, unknown.	4	5		Fla., Mass., N.Y., P.R.
<i>Prunus</i> sp. (cherry)	Lebanon	1			N.Y.
<i>Psidium guajava</i> (guava)	Azores, Hawaii	2			Mass., Hawaii.
<i>Punica granatum</i> (pomegranate)	Greece	1			Ohio.
<i>Pyrus communis</i> (pear)	Israel, Italy	3			Calif.,* N.Y.
<i>Solanum aculeatissimum</i> (soda-apple nightshade).	Hawaii	1			Hawaii.
<i>Terminalia catappa</i> (tropical almond)	do	2			Hawaii.
<i>Vitis</i> sp. (grape)	Spain		1		P.R.
<i>Zizyphus</i> sp. (jujube)	Italy	1			N.Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae): <i>Capsicum annuum</i> (pepper)	Hawaii	2			Hawaii.
<i>Citrus sinensis</i> (sweet orange)	Italy, Spain		2		Mass., P.R.
<i>Coffea arabica</i> (Arabian coffee)	Hawaii	8			Hawaii.
<i>Coffea</i> sp.	do	3			Hawaii.
<i>Ficus</i> sp. (fig)	Italy	1			Mich.
<i>Musa</i> sp.	Hawaii	1			Hawaii.
<i>Punica granatum</i> (pomegranate)	Greece	1			N.Y.
<i>Terminalia catappa</i> (tropical almond)	Hawaii	2			Hawaii.
<i>Ceratitis colae</i> Silv. (?) (Tephritidae): <i>Cola acuminata</i> (Sudan colanut)	Nigeria	1			N.Y.
<i>Cerconota anonella</i> (Sepp) (Stenomidae): <i>Annona muricata</i> (soursop)	Colombia, Jamaica, Venezuela.	3	1		Fla., Md.
<i>Annona</i> sp.	Brazil(?)		1		N.Y.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ceresium unicolor</i> (F.) (Cerambycidae):					
<i>Gossypium</i> sp. (seed cotton).....	Hawaii.....	1			Hawaii.
<i>Ceronema japonica</i> Mask. (Coccidae):					
<i>Camellia japonica</i> (common camellia).....	Japan.....			1	D.C.
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia).....	Hawaii.....	2			Calif.,*
	do.....			1	Hawaii.
<i>Anthurium</i> sp.....					
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy.....	1		2	Calif.,* N.Y.
<i>Ceutorhynchus erysimi</i> (F.) (Curculionidae):					
Plant—unidentified.....	Netherlands.....			1	N.J.
<i>Charidotis seminulum</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea oblongata</i> (palm) leaf.....	Mexico.....	1			Tex.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane).....	do.....	76			Ariz., Calif.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
<i>Oryza sativa</i> (rice) straw.....	Formosa, Japan, Spain, unknown.	10	6		Calif.,* Fla., Hawaii, N.Y., Tex.
“ <i>Chionaspis</i> ” <i>leucadendri</i> Brain (Coccidae):					
<i>Protea</i> sp. (leaf).....	Republic of South Africa.	1			Mass.
<i>Chionaspis wistariae</i> Cooley (Coccidae):					
<i>Wisteria</i> sp.....	Japan.....			1	Wash.
<i>Chirothrips meridionalis</i> Bgn. (Thripidae):					
<i>Zinnia</i> sp. (cut flower).....	Israel.....	1			N.Y.
<i>Chrysogramma octomaculata</i> Jac. (Chrysomelidae):					
Orchid (plant).....	Guatemala.....			1	Fla.
<i>Chrysomphalus agavis</i> (Townsend & Ckll.) (Coccidae):					
<i>Agave</i> sp.....	Mexico.....			2	Tex.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Cocos nucifera</i> (coconut) stem and cap.....	Costa Rica.....		1		Calif.*
<i>Persea americana</i> (avocado) leaf.....	Mexico.....	1			Tex.
<i>Chrysomphalus calurus</i> (Ckll.) (Coccidae):					
<i>Spondias mombin</i> (yellow mombin).....	Nicaragua.....	1			Calif.*
<i>Chrysomphalus inopinatus</i> (Leon) (Coccidae):					
<i>Acer syriacum</i> (Syrian maple) seed.....	Israel.....			1	D.C.
<i>Pistacia</i> sp. (pistache).....	Greece, Lebanon.....	2			Mass.
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
<i>Calocarpum sapota</i> (sapote).....	Panama.....		1		Calif.*
<i>Chrysomphalus opimus</i> Silv. (tentative) (Coccidae):					
Orchid (leaf).....	Kenya.....			1	N.Y.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Brosimum</i> sp. (breadnut tree).....	Mexico.....	1			Ariz.
<i>Calocarpum sapota</i> (sapote) leaf.....	do.....	1			Tex.
<i>Citrus aurantifolia</i> (lime).....	do.....		1		Calif.*
<i>C. sinensis</i> (sweet orange).....	Brazil, unknown.....		11		Calif.,* Fla., N.Y.
					Calif.,* Tex.
<i>Mangifera indica</i> (mango).....	El Salvador, Mexico, Nicaragua.	5			
<i>Persea americana</i> (avocado).....	Mexico.....	2			Tex.
<i>Vriesia</i> sp.....	France.....			1	N.J.
<i>Chrysomphalus sphaerioides</i> (Ckll.) (Coccidae):					
Palm (leaf).....	Mexico.....	1			Calif.*
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Philodendron</i> sp.....	do.....			1	Tex.
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp. (leaf).....	Colombia.....			1	Fla.
Bromeliad (leaf).....	Brazil, Guatemala.....			2	Fla.
<i>Epidendrum</i> sp. (orchid) leaf.....	El Salvador.....			1	Fla.
Orchid (leaf).....	British Honduras, Canal Zone, El Salvador, Guatemala, Panama.			7	Calif.,* Fla.
	Mexico.....			1	Tex.
<i>Schomburgkia</i> sp. (orchid) leaf.....					
<i>Cladius pectinicornis</i> (Fourc.) (Tenthredinidae):					
<i>Rosa</i> hybrid (rose) cut flower.....	England, France, Germany.	5			Ill., N.Y.

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<i>Clanis phalaris</i> (Cramer) (Sphingidae): Airplane	Japan		1		Hawaii.
<i>Clerada apicicornis</i> Sign. (Lygaeidae): Bromeliad (plant)	Peru			1	Fla.
<i>Cocconotus degeeri</i> (Stal) (Tettigoniidae): Orchid (plant)	Canal Zone			1	Fla.
<i>Coccotrypes carpophagus</i> (Hornig.) (Scolytidae): Palm (seed)	Brazil	1			La.
<i>Coccus alpinus</i> DeLotto (Coccidae): Coffea sp. (coffee)	do	1			Fla.
<i>Coccus viridis</i> (Green) (Coccidae): Citrus sp. (twig)	Madeira Islands			1	Fla.
Coffea arabica (Arabian coffee)	Hawaii	3			Hawaii.
Coffea sp.	Brazil, Cuba, Hawaii	2		1	Calif.,* Hawaii, N.Y.
<i>Gardenia jasminoides</i>	Cuba, Hawaii	21			Calif.,* Fla., Hawaii.
<i>G. taitensis</i>	Hawaii	2			Calif.*
<i>Gardenia</i> sp.	Cuba, Hawaii	1	1	2	Calif.,* Fla.
<i>Irora</i> sp.	Hawaii	1			Hawaii.
<i>Jasminum</i> sp. (jasmine)	Barbados			1	N.Y.
<i>Litchi chinensis</i> (lychee)	Hawaii	1			Hawaii.
<i>Pelargonium zonale</i> (horseshoe geranium)	St. Kitts			1	Am.V.I.
<i>Psidium guajava</i> (guava) leaf	Cuba	1			Fla.
<i>Schinus terebinthifolia</i> (Brazil peppertree)	Hawaii	1			Hawaii.
<i>Cochlicella barbara</i> (L.) (Helicellidae): Military cargo	France, Morocco, Spain, Turkey.	25			La., N.Y., N.C., S.C. Va.
Soil	Italy	1			N.Y.
<i>Cochlicella conoidea</i> (Drap.) (Helicellidae): Military cargo	Spain	2			N.Y., Va.
<i>Cochlicella ventrosa</i> (Fer.) (Helicellidae): Military cargo	Azores, Bermuda, Italy, Morocco, unknown.	10			La., N.Y., S.C., Va.
<i>Conchaspis orchidarum</i> Mamet (Coccidae): <i>Epidendrum</i> sp. (orchid)	Canal Zone			1	Fla.
<i>Conoderus rufangulus</i> (Gyll.) (Elateridae): Vitis sp. (grape)	Chile	6			N.Y.
<i>Conotelus mexicanus</i> Murr. (Nitidulidae): Chrysanthemum sp.	Mexico	5			Tex.
Lactuca sativa (lettuce)	do	1			Tex.
Medicago sativa (alfalfa)	do	1			Tex.
<i>Nerium oleander</i> (oleander)	Bermuda			1	Va.
<i>Portulaca oleracea</i> (purslane)	Mexico	2			Tex.
<i>Plumeria rubra</i> (Mexican frangipani)	Hawaii	3			Hawaii.
<i>Vanda</i> 'Miss Joaquim' (orchid)	do	3			Hawaii.
<i>Coptotermes crassus</i> Snyder (Rhinotermitidae): Pinus sp. (pine) stump	Honduras	1			La.
<i>Coptotermes niger</i> Snyder (Rhinotermitidae): Dalbergia sp. (rosewood) log	Brazil	1			La.
Virola sp. (log)	Costa Rica	1			La.
<i>Coptotermes testaceus</i> (L.) (Rhinotermitidae): Dalbergia sp. (rosewood) log	Brazil	1			La.
<i>Corimelaena palmeri</i> (McA. & Mall.) (Pentatomidae): Orchid (plant)	Costa Rica			1	Tex.
<i>Corythucha mcelfreshi</i> Drake (Tingidae): Pelargonium sp. (geranium)	Mexico			1	Tex.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae): Musa acuminata (rhizome)	Philippines			1	D.C.
Musa sp. (rhizome)	Netherlands New Guinea, New Guinea.			2	D.C.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae): Bamboo	Italy			1	N.Y.
Celosia sp. (cockscorn) cut flower	Greece	1			N.Y.
Citrus limon (lemon)	Spain		1		Fla.
C. sinensis (sweet orange)	Italy, Spain	1	2		N.Y., P.R.
<i>Nerium oleander</i> (oleander)	Bermuda			1	Va.
<i>Punica granatum</i> (pomegranate)	Israel, Italy	11			N.Y.

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<i>Cryptophlebia illepid</i> a (Btlr.) (Olethreutidae):					
<i>Litchi chinensis</i> (lychee).....	Hawaii.....	2	-----	-----	Hawaii.
<i>Macadamia ternifolia</i> (nut).....	do.....	1	-----	-----	Hawaii.
<i>Cryptophlebia ombrodelta</i> (Lower) (Olethreuti- dae):					
<i>Litchi chinensis</i> (lychee) nut.....	do.....	1	-----	-----	Hawaii.
<i>Pithecellobium dulce</i>	do.....	1	-----	-----	Hawaii.
<i>Samanea saman</i> (raintree saman).....	do.....	1	-----	-----	Hawaii.
<i>Tamarindus indica</i> (tamarind) pod.....	Philippines.....	1	-----	-----	Wash.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae):					
Flowers.....	Hawaii.....	1	-----	-----	Hawaii.
Mail (food parcel).....	Japan.....	1	-----	-----	Hawaii.
<i>Cryptothela minuscula</i> (Btlr.) (Psychidae):					
Military cargo.....	Vietnam.....	1	-----	-----	Va.
<i>Cylas formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Hong Kong, Thailand.....	3	-----	-----	Hawaii
<i>Cylas formicarius elegantulus</i> (Summers) (Curcu- lionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Cuba, Dominican Republic, Hong Kong, Netherlands West Indies, Philip- pines, Puerto Rico.	6	4	-----	Ala., Am. V.I., Calif.,* Fla., Hawaii, La., Pa., P.R.
<i>Cylas formicarius formicarius</i> (F.) (Curculioni- dae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Hong Kong.....	2	-----	-----	Hawaii.
<i>Cyrtomenus bergi</i> Froeschner (Pentatomidae):					
Bromeliad.....	Colombia.....	-----	-----	1	Fla.
<i>Dactylotrypes uytenboogaarti</i> Egg. (Scolytidae):					
<i>Chamaerops humilis</i> (Mediterranean palm) seed.	Canary Islands, Spain.....	-----	-----	2	N.J.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber).....	Hawaii.....	-----	1	-----	Calif.*
<i>Cucurbita pepo</i> (zucchini squash).....	do.....	-----	1	-----	Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....	-----	3	-----	Calif.*
<i>Dacus cucurbitae</i> (Coq.) (?) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber).....	do.....	-----	2	-----	Calif.,* Hawaii.
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
<i>Calophyllum inophyllum</i> (Indiapoon beauty- leaf) fruit.	do.....	1	-----	-----	Hawaii.
<i>Eugenia uniflora</i> (pitanga).....	do.....	1	-----	-----	Hawaii.
<i>Litchi chinensis</i> (lychee).....	do.....	1	-----	-----	Calif.
Mail package.....	do.....	1	-----	-----	Hawaii.
<i>Mangifera indica</i> (mango).....	Guam, Hawaii.....	7	2	-----	Calif.*
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana).....	Fiji (?), Hawaii.....	2	1	-----	Calif.*
<i>Ochrosia elliptica</i>	Hawaii.....	1	-----	-----	Calif.*
<i>Pithecellobium dulce</i> (guamachil apesearring).....	do.....	1	-----	-----	Hawaii.
<i>Terminalia catappa</i> (tropical almond).....	do.....	4	-----	-----	Calif.,* Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Areca cathecu</i> (betel palm) nut.....	do.....	1	-----	-----	Hawaii.
<i>Cordyline terminalis</i> (ti) berry.....	do.....	1	-----	-----	Hawaii.
<i>Mangifera indica</i> (mango).....	do.....	2	-----	-----	Calif.,* Hawaii.
<i>Psidium guajava</i> (guava).....	do.....	3	-----	-----	Hawaii.
<i>Sesbania grandiflora</i> (agati sesbania).....	do.....	1	-----	-----	Hawaii.
<i>Terminalia catappa</i> (tropical almond).....	do.....	4	-----	-----	Hawaii.
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
Baggage.....	Italy.....	2	-----	-----	N.Y.
<i>Olea europaea</i> (olive).....	Austria (?), Cyprus, Greece, Italy, Lebanon, unknown.	54	1	-----	Mass., Hawaii, N.J., N.Y.
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae):					
<i>Olea europaea</i> (olive).....	do.....	1	-----	-----	Mass.
<i>Dallasiellus orchidiphilus</i> Froeschner (Penta- tomidae):					
Bromeliad.....	Peru.....	-----	-----	2	Fla.
<i>Dasyneura inclusa</i> (Frfd.) (Cecidomyiidae):					
<i>Phragmites</i> sp. (reed) cane.....	Germany.....	1	-----	-----	Oreg.

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<i>Deloyala guttata</i> (Ol.) (Chrysomelidae):					
<i>Chamaedorea elegans</i> (palm) leaf	Mexico	1			Tex.
<i>C. oblongata</i> (leaf)	do	1			Tex.
<i>Chamaedorea</i> sp. (leaf)	do	1			Tex.
Orchid	do			2	Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron catawbiense</i> (leaf)	Netherlands			1	N. J.
<i>Rhododendron</i> sp. (leaf)	do			6	N. Y.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus</i> sp. (leaf)	Cuba	1			Fla.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Gardenia</i> sp.	Tahiti	1			Hawaii.
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii	1			Hawaii.
<i>Jasminum</i> sp.	Philippines			1	Hawaii.
<i>Plumeria</i> sp.	Hawaii			1	Hawaii.
<i>Dialeurodes tristylii</i> Takah. (Aleyrodidae):					
<i>Ilex integra</i> (leaf)	Japan		2		Calif.*
<i>Diaphone eumela</i> (Stoll) (Noctuidae):					
<i>Ornithogalum</i> sp. (chinkerichee)	Republic of South Africa	1			N. J.
<i>Diaspis juniperi</i> (Bche.) (Coccidae):					
<i>Chamaecyparis lawsoniana</i> 'Gimbornii'	Netherlands			1	D. C.
<i>Diaspis minima</i> Targ. (Coccidae):					
<i>Juniperus</i> sp.	Italy			1	N. Y.
<i>Diaspis zamiae</i> Morg. (Coccidae):					
Cycad	Australia			1	Fla.
<i>Encephalartos</i> sp. (cycad)	Republic of South Africa			1	N. J.
Fruit—unidentified	do			1	N. J.
<i>Strelitzia</i> sp. (leaf)	France, Italy	2			N. Y.
<i>Dichocrocis punctiferalis</i> (Guen.) (Pyraustidae):					
<i>Nephelium lappaceum</i> (rambutan)	Federation of Malaya	1			Hawaii.
<i>Pinus parviflora</i> (Japanese white pine)	Japan			1	Wash.
<i>Dicyphus annulatus</i> (Wolff) (Miridae):					
<i>Lactuca sativa</i> (lettuce)	Italy	1			N. Y.
<i>Dinoderus brevis</i> Horn (Bostrichidae):					
Bamboo	India	1			Ala.
<i>Borassus flabellifer</i> (palmyra)	do	1			Wis.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	2			Calif.*
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
Orchid	Mexico			1	Tex.
<i>Diploptera punctata</i> (Esch.) (Diplopteridae):					
Plant material	Hawaii			1	Hawaii.
<i>Doru albipes</i> (F.) (Forficulidae):					
Orchid	Puerto Rico			1	P. R.
<i>Drasterius bimaculatus</i> (Rossi) (Elateridae):					
<i>Ficus carica</i> (fig) tree	Italy			1	P. R.
<i>Dysdercus andreae</i> (L.) (Pyrrhocoridae):					
Orchid	Grand Cayman			1	Fla.
<i>Dysdercus bidentatus</i> Hussey (Pyrrhocoridae):					
Cargo	Ecuador	1			Fla.
<i>Dysdercus mimus</i> (Say) (Pyrrhocoridae):					
Bromeliad	Costa Rica			1	Fla.
Cargo	Ecuador	1			Calif.*
<i>Cucumis sativus</i> (cucumber)	Honduras	1			Fla.
<i>Dysdercus ruficollis</i> (L.) (Pyrrhocoridae):					
Cargo	Ecuador	1			Tex.
<i>Dysdercus suterellus</i> (Herrich-Schaeffer) (?) (Pyrrhocoridae):					
<i>Cucumis sativus</i> (cucumber)	Honduras	1			Fla.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae):					
<i>Allium sativum</i> (garlic)	Italy, Spain, Yugoslavia	3	1		La., N. Y., P. R.
<i>Earias cupreoviridis</i> (Wlk.) (Noctuidae):					
<i>Hibiscus esculentus</i> (okra)	British West Africa		1		Tex.
<i>Ecpantheria eridanus</i> (Cram.) (Arctiidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	Panama		1		N. Y.
<i>Ecpantheria icasia</i> (Cram.) (Arctiidae):					
<i>Allium cepa</i> (onion)	Haiti	1			Fla.

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<i>Ectomyelois ceratoniae</i> (Zell.) (Phycitidae):					
<i>Barringtonia</i> sp. (pod).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Cassia fistula</i> (goldenshower senna).....	do.....	1	-----	-----	Hawaii.
<i>Citrus sinensis</i> (sweet orange).....	Africa (country(?)), Italy, Portugal.	-----	3	-----	Calif.,* N.J., P.R.
<i>Coffea arabica</i> (Arabian coffee).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Cydonia oblonga</i> (quince).....	Greece, Italy.....	2	-----	-----	N.Y.
<i>Juglans regia</i> (English walnut).....	Italy.....	4	-----	-----	N.Y.
<i>Prunus amygdalus</i> (almond).....	Greece, Italy.....	4	-----	-----	N.Y.
<i>Punica granatum</i> (pomegranate).....	Greece, Israel, Italy, Turkey.	11	1	-----	N.Y., S.C.
Seed—assorted.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Tamarindus indica</i> (tamarind) pod.....	Jamaica, Montserrat, Philippines, Puerto Rico.	3	-----	1	Fla., Wash.
<i>Ectomyelois muriscis</i> (Dyar) (Phycitidae):					
<i>Cassia</i> sp. (senna) seed pod.....	Mexico.....	-----	-----	1	Tex.
<i>Enterolobium</i> sp. (earpodtree) seed pod.....	do.....	1	-----	-----	Tex.
<i>Elimaea punctifera</i> (Walk.) (Tettigoniidae):					
Baggage.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Endelomyia aethiops</i> (F.) (Tenthredinidae):					
<i>Rosa</i> hybrid (rose) cut flower.....	Italy, Poland.....	2	-----	-----	Ill., N.Y.
<i>Engonus subcylindricus</i> Fahrs. (Anthribidae):					
Airplane.....	Venezuela.....	-----	1	-----	Fla.
<i>Eobia bicolor</i> (Fairm.) (Oedemeridae):					
Airplane.....	Christmas Island, Pal- myra Island(?). Philippines, South- west Pacific.	-----	4	-----	Hawaii.
Baggage.....	Hawaii.....	1	-----	-----	Hawaii.
Flowers.....	do.....	1	-----	-----	Hawaii.
Mail package.....	do.....	1	-----	-----	Hawaii.
Orchid (flower).....	do.....	1	-----	-----	Hawaii.
<i>Plumeria</i> sp.....	do.....	1	-----	1	Hawaii.
<i>Ephestia calidella</i> Guen. (Phycitidae):					
<i>Ficus carica</i> (fig).....	Greece.....	1	-----	-----	Va.
<i>Ribes</i> sp. (currant).....	Bulgaria.....	1	-----	-----	N.Y.
<i>Epichorista ionephela</i> (Meyr.) (Tortricidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee).....	Republic of South Africa.	2	-----	-----	N.Y.
<i>Epidiaspis piricola</i> (del. Guer.) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	France.....	-----	1	-----	Fla.
<i>Epilachna borealis</i> (F.) var. (Coccinellidae):					
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana).....	Ecuador.....	2	-----	-----	Ala., N.Y.
<i>Epilachna 28-punctata</i> (F.) (Coccinellidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Australia.....	-----	1	-----	S.C.
<i>Epinotia aporema</i> (Wlsm.) (Olethreutidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Jamaica.....	1	-----	-----	N.Y.
<i>Vicia faba</i> (broadbean).....	Ecuador.....	1	-----	-----	Fla.
<i>Eremocoris plebejus</i> (Fall.) (Lygaeidae):					
Soil with <i>Vaccinium</i> sp. (blueberry) plant.....	Norway.....	-----	-----	1	N.Y.
<i>Eriococcus araucariae</i> Mask. (Coccidae):					
<i>Araucaria excelsa</i> (Norfolk-Island-pine).....	Azores.....	-----	-----	1	N.J.
<i>Araucaria</i> sp.....	Bermuda.....	1	-----	-----	Mass.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Buxus</i> sp. (boxwood).....	Unknown.....	-----	1	-----	Wash.
<i>Eriophyes leionotus</i> (Nal.) (Eriophyidae):					
<i>Betula</i> sp. (birch).....	Finland.....	1	-----	-----	N.Y.
<i>Euborellia plebeja</i> (Dohrn) (Labiduridae):					
<i>Fragaria</i> sp. (strawberry).....	Japan.....	1	-----	-----	Hawaii.
<i>Pinus</i> sp. (pine) dwarf tree.....	do.....	-----	-----	1	Wash.
<i>Euborellia stali</i> (Dohrn) (Labiduridae):					
<i>Amaryllis</i> sp.....	Dominica.....	-----	-----	1	Fla.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Heliconia</i> sp.....	Unknown.....	1	-----	-----	N.Y.
<i>Euconocephalus platynotum</i> (M.&S.) (Tetti- goniidae):					
Airplane.....	Japan.....	-----	1	-----	Hawaii.
<i>Euglandina striata</i> (Müller) (Oleacinidae):					
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana).....	Ecuador.....	17	-----	-----	Ala., Calif.,* Fla., La., N.Y.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Euleia heraclei</i> (L.) (Tephritidae):					
<i>Apium graveolens</i> (celery).....	Germany.....		1		N.Y.
<i>Eurydema ornatum</i> (L.) (Pentatomidae):					
<i>Punica granatum</i> (pomegranate).....	Israel.....	1			N.Y.
<i>Eurytoma infracta</i> Mayr (Eurytomidae):					
<i>Salvia officinalis</i> var. <i>purpurascens</i> (purple sage).....	Italy.....	1			N.Y.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya skinneri</i> (orchid).....	Costa Rica.....			1	Calif.*
Orchid.....	Colombia, El Salvador.....			4	Fla.
<i>Euscelis plebejus</i> (Fall.) (Cicadellidae):					
<i>Gladiolus</i> hybrid.....	Italy.....		1		N.Y.
<i>Euscepes porcellus</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	British Honduras.....	1			Fla.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Brazil, Trinidad.....		6		Ala., Calif.,* Pa.
<i>Eutetranychus banksi</i> (McG.) (Tetranychidae):					
<i>Artocarpus altilis</i> (breadfruit) leaf.....	Jamaica.....	2			Fla.
<i>Everes comyntas</i> (Godt.) (Lycaenidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Mexico.....	3			Tex.
<i>Evergestis forficalis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	Norway.....		1		N.Y.
<i>Exitianus obscurinervis</i> (Stal) (Cicadellidae):					
Airplane.....	Unknown.....		1		N.Y.
Flowers.....	Mexico.....	1			Tex.
<i>Exptochiomera oblonga</i> (Stal) (Lygaeidae):					
<i>Tillandsia</i> sp.....	do.....			1	Ariz.
<i>Farinococcus guatemalensis</i> Ferris (Coccidae):					
Orchid.....	Guatemala.....			2	Ariz., N.J.
<i>Fiorinia proboscidea</i> Green (Coccidae):					
<i>Citrus limon</i> (lemon).....	Japan.....		1		Hawaii.
<i>Fiorinia theae</i> Green (Coccidae):					
<i>Camellia</i> sp.....	Mexico.....	2			Calif.*
<i>Cocos nucifera</i> (coconut).....	Philippines.....		1		Calif.*
<i>Forficula decipiens</i> Gén� (Forficulidae):					
<i>Pisum sativum</i> (pea).....	Italy.....	1			N.Y.
<i>Forficula pubescens</i> Gén� (Forficulidae):					
<i>Phaseolus vulgaris</i> (bean).....	do.....	1			N.Y.
Soil with <i>Iris</i> sp. plants.....	do.....			1	N.Y.
<i>Forficula senegalensis</i> Serv. (Forficulidae):					
<i>Cupressus</i> sp. (cypress) cone.....	France.....	1			N.Y.
Flowers.....	Republic of South Africa.....	1			N.Y.
<i>Frankliniella formosae</i> Mlt. (Thripidae):					
<i>Chrysanthemum morifolium</i>	Japan.....	2			Hawaii.
<i>Chrysanthemum</i> sp.....	Korea.....	1			Wash.
<i>Dianthus caryophyllus</i> (carnation).....	Japan.....	1			Hawaii.
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation).....	Hungary, Sweden.....	2			N.Y.
Flowers.....	Denmark, England, Germany, Poland.....	5			N.Y.
<i>Gladiolus</i> hybrid.....	Hungary.....	1			N.Y.
<i>Helichrysum bracteatum</i> (strawflower).....	Germany.....	1			N.Y.
<i>Lathyrus odoratus</i> (sweetpea).....	England.....	1			Mass.
<i>Rosa</i> hybrid.....	Denmark, England, France, Germany, Poland.....	7			Ill., N.Y.
<i>Frankliniella lilivora</i> Kurosawa (Thripidae):					
<i>Lilium</i> sp. (lily) bulb.....	Japan.....			1	N.Y.
<i>Frankliniella paucispinosa</i> Mlt. (Thripidae):					
<i>Lippia</i> sp.....	Argentina.....			1	Fla.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Nerine lucida</i> (seed).....	Republic of South Africa.....			2	D.C.
<i>Frankliniella sulphurea</i> Schmutz (?) (Thripidae):					
<i>Capsicum annuum</i> (pepper).....	Hawaii.....	1			Hawaii.
<i>Furcaspis haematochroa</i> Ckll. (Coccidae):					
<i>Kentia</i> sp. (palm) leaf.....	Philippines.....		1		Calif.*
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Guam (?), Kwajalein.....	4			Hawaii.

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		Consump- tion	Nonentry	Propaga- tion	
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae): <i>Calluna vulgaris</i> (heather).....	Scotland, unknown.....	1	1		N.Y.
<i>Geniocretnis chilensis</i> (Boh.) (Curculionidae): <i>Prunus domestica</i> (plum).....	Chile.....	1			N.Y.
<i>Geotomus pygmaeus</i> (Dallas) (Cydnidae): Baggage.....	Hawaii.....	2			Hawaii.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae): <i>Capsicum annuum</i> (pepper).....	Cuba, Guatemala, Mexico.	10			Ariz., Calif., Calif.,* Fla., La., Tex.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae): <i>Beta vulgaris</i> (beet).....	Italy, United Arab Republic.	1	2		N.Y., Pa.
<i>Gortyna flavago</i> (Schiff.) (Noctuidae): <i>Cynara scolymus</i> (artichoke).....	Italy.....		1		Md.
<i>Grapholitha janthiana</i> (Dup.) (?) (Olethreutidae): <i>Malus sylvestris</i> (apple).....	Austria, Rumania, unknown, Yugoslavia	4	1		Ill., Mich., N.Y.
<i>Grapholitha packardi</i> Zell. (Olethreutidae): <i>Crataegus</i> sp. (red haw).....	Mexico.....	1			Tex.
<i>Graptostethus manillensis</i> (Serv.) (Lygaeidae): <i>Ipomoea</i> sp.....	Hawaii.....	1			Hawaii.
<i>Gymnococcus agavium</i> (Dougl.) (Coccidae): <i>Agave shawii</i> <i>Agave</i> sp.....	Mexico..... Spain.....			1 1	Calif. N.Y.
<i>Gynaikothrips ficorum</i> (Marchal) (Phlaeothripidae): Airplane..... <i>Laurus nobilis</i> (Grecian laurel).....	Cuba..... Mexico.....		1		Fla. Calif.
<i>Haplothrips aculeatus</i> (F.) (Phlaeothripidae): Plant—unidentified.....	Netherlands.....			2	N.J.
<i>Haplothrips clarisetis</i> Pr. (?) (Phlaeothripidae): <i>Lactuca sativa</i> (lettuce).....	Mexico.....	1			Calif.
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae): Flowers.....	Greece.....	1			N.Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae): <i>Crinum</i> sp..... Flowers..... <i>Helichrysum bracteatum</i> (strawflower)..... <i>Plumeria rubra</i> (Mexican frangipani)..... <i>Zinnia</i> sp.....	Hawaii..... Bermuda..... Israel..... Hawaii..... Israel.....	1 1 1 1 1			Hawaii. N.Y. N.Y. Hawaii. N.Y.
<i>Hedylepta indicata</i> (F.) (Pyraustidae): <i>Phaseolus vulgaris</i> var. (string bean).....	Cuba.....	1			Fla.
<i>Helicella caperata</i> (Montagu) (Helicellidae): Military cargo.....	Italy.....	1			La.
<i>Helicella conspurcata</i> (Draparnaud) (Helicellidae): Military cargo.....	Azores, France, Italy, Libya, Morocco, Spain.	9			La., N.Y., N.C., S.C.
<i>Helicella derbentina</i> (Andrz.) (Helicellidae): Military cargo.....	Turkey.....	1			N.Y.
<i>Helicella ericetorum</i> (Müller) (Helicellidae): <i>Tropaeolum</i> sp. (nasturtium) seed.....	Netherlands.....			1	Pa.
<i>Helicella itala</i> (L.) (Helicellidae): <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage) seed..... Military cargo.....	Italy..... Italy, unknown.....			1 4	N.Y. La., N.Y.
<i>Helicella maritima</i> (Draparnaud) (Helicellidae): <i>Lactuca sativa</i> var. <i>longifolia</i> (romaine lettuce)..... Military cargo..... Stores (with sweet orange).....	France..... France, Italy..... Spain.....		1 3 1		N.Y. La., N.Y. N.C.
<i>Helicella neglecta</i> (Draparnaud) (Helicellidae): Military cargo.....	do.....	1			La.
<i>Helicella pyramidata</i> (Draparnaud) (Helicellidae): Military cargo.....	Greece.....	2			La.
<i>Helicella striata</i> (Müller) (Helicellidae): Military cargo.....	France, Greece, Italy, Turkey, unknown.	7			La., N.Y., Va.
Soil.....	Italy.....	1			N.Y.

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<i>Helicella variabilis</i> (Draparnaud) (Helicellidae):					
<i>Anthemis</i> sp. (camomile)	Spain	1			P.R.
<i>Lactuca sativa</i> var. <i>longifolia</i> (romaine lettuce)	France		2		N.Y.
Military cargo	Unknown	4			N.Y.
Soil with automobile	France	1			Fla.
<i>Helicina strebeli</i> Pfeiffer (Helicinidae):					
<i>Chamaedorea</i> sp. (palm)	Mexico	2			La.
<i>Helix aperta</i> Born (Helicidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)	Germany, Netherlands		2		Ga., S.C.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	Italy		1		N.Y.
<i>Lactuca sativa</i> var. <i>longifolia</i> (romaine lettuce)	Greece		1		N.Y.
<i>Helix aspersa</i> Müller (Helicidae):					
Baggage (as food)	Italy	1			N.Y.
<i>Lactuca sativa</i> (lettuce)	France		2		N.Y.
Military cargo	Spain	1			La.
Orchid	Peru			1	Fla.
Stores (on egg crate)	Belgium		1		Mich.
<i>Helix pomatia</i> L. (Helicidae):					
Baggage (as food)	Italy	1			N.Y.
Stores (food for crew)	Unknown		1		La.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	United Arab Republic		1		Pa.
<i>Hemiargus hanno</i> (Stoll) (Lycaenidae):					
Airplane	Venezuela (?)		1		Fla.
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	Italy, Portugal	2			Mass., N.Y.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
<i>Bambusa</i> sp. (bamboo) slat	India	1			Md.
Wood (crate)	Cuba, Philippines, Thailand.	3			Fla., Ill.
<i>Heterotermes cardini</i> (Snyder) (Rhinotermitidae):					
<i>Crescentia linearifolia</i> (calabash tree)	Haiti	1			Fla.
<i>Heterotermes convexinotatus</i> (Snyder) (Rhinotermitidae):					
Cardboard (box)	do	1			Fla.
<i>Dalbergia</i> sp. (rosewood) log	Brazil	1			La.
<i>Mangifera indica</i> (mango)	Martinique	1			P.R.
<i>Pinus</i> sp. (pine) stump	Honduras	1			La.
<i>Homoeogryllus japonicus</i> (Haan) (Gryllidae):					
Baggage (as caged pets)	Japan	1			Hawaii.
<i>Homotoma ficus</i> (L.) (Psyllidae):					
<i>Ficus carica</i> (fig) stem	Yugoslavia			1	Calif.*
<i>Insara tolteca</i> Sauss. (Tettigoniidae):					
Orchid	Mexico			1	Fla.
<i>Iphiclides proteus</i> (L.) (Papilionidae):					
Automobile	do		1		Tex.
<i>Ips typographus</i> (L.) (Scolytidae):					
<i>Pinus</i> sp.(?) (crate)	Norway	1			N.Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
Bromeliad	Mexico			1	Ariz.
Orchid	Guatemala			2	Fla., La.
<i>Iridomyrmex leucomelas</i> Em. (Formicidae):					
Bromeliad	Brazil			1	Fla.
<i>Isorhinus undatus</i> Champ. (Curculionidae):					
<i>Bromelia</i> sp.	Mexico			1	Tex.
<i>Jadera haematoloma</i> (H.-S.) (Coreidae):					
Baggage	Colombia	1			Tex.
<i>Kaloterms immigrans</i> Snyder (Kalotermitidae):					
Mail package	Hawaii	3			Hawaii.
<i>Labia arcuata</i> Scudd. (Labiidae):					
<i>Chamaedorea oblongata</i> (palm) leaf	Mexico	1			Tex.
<i>Lamellaxis gracilis</i> (Hutton) (Achatinidae):					
<i>Persea americana</i> (avocado) seed	St. Lucia			1	P.R.
Soil	Mexico	1			Tex.
Soil with miscellaneous plants	Jamaica			1	Fla.
<i>Tsuga diversifolia</i> (Japanese hemlock) seed	Japan			1	N.J.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia microcarpa</i> (mauna loa) lei	Hawaii	5			Hawaii.
<i>Canavalia</i> sp.	do	9			Calif.,* Hawaii.
<i>Vicia faba</i> (broadbean)	United Arab Republic		1		Pa.

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<i>Laspeyresia nigricana</i> (Steph.) (Olethreutidae): <i>Pisum sativum</i> (pea).....	Italy.....	1	-----	-----	N.Y.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae): <i>Castanea</i> sp. (chestnut).....	Germany, Italy, Portugal, Spain, Turkey, Yugoslavia.	28	-----	1	Mass., Mich., N.Y.
<i>Laspeyresia strobilella</i> (L.) (Olethreutidae): <i>Picea</i> sp. (spruce) cone.....	Germany, unknown.....	3	-----	-----	N.Y.
<i>Pinus</i> sp. (pine) cone.....	England.....	1	-----	-----	N.Y.
<i>Lecanium corni</i> Bouché (Coccidae): <i>Jasminum</i> sp. (jasmine) flower petal.....	France.....	1	-----	-----	N.Y.
<i>Prunus</i> sp. (bark).....	Japan.....	-----	-----	1	Wash.
<i>Rosa</i> hybrid (rose) budwood.....	France.....	-----	-----	1	N.Y.
<i>Lecanium coryli</i> (L.) (Coccidae): <i>Acer platanoides</i> (Norway maple).....	Belgium.....	-----	-----	1	N.J.
<i>Lecanium persicae</i> (F.) (Coccidae): <i>Prunus domestica</i> (plum) stem.....	Chile.....	1	-----	-----	N.Y.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae): <i>Diospyros kaki</i> (kaki persimmon).....	Japan.....	1	4	-----	Calif.,* Hawaii.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae): <i>Ficus carica</i> (fig) cutting.....	Italy.....	-----	-----	2	Calif.,* N.Y.
<i>Lepidosaphes kuwacola</i> (Kuw.) (Coccidae): <i>Diospyros</i> sp. (persimmon).....	Japan.....	1	-----	-----	Wash.
<i>Lepidosaphes newsteadi</i> (Sulc.) (Coccidae): <i>Juniperus chinensis</i> (pyramid Chinese juniper) dwarf.....	do.....	-----	-----	1	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae): <i>Cactus</i>	Mexico.....	-----	-----	1	Fla.
<i>Nolina</i> sp.....	do.....	-----	-----	1	Tex.
<i>Lepidosaphes pini</i> (Mask.) (Coccidae): <i>Pinus</i> sp. (pine).....	Japan.....	-----	1	-----	Calif.*
<i>Lepidosaphes punicae</i> Laing (Coccidae): <i>Erythrina</i> sp. (coralbean).....	Thailand.....	-----	-----	1	D.C.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): <i>Codiaeum variegatum</i> (croton).....	Hawaii.....	6	-----	3	Calif.,* Hawaii.
<i>Codiaeum</i> sp.....	Hawaii, Panama.....	4	-----	2	Fla., Hawaii.
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae): Orchid.....	Australia.....	-----	-----	1	N.Y.
<i>Lepidosaphes tubulorum</i> Ferris (Coccidae): <i>Rhododendron yakusimanum</i>	Japan.....	-----	-----	1	Hawaii.
<i>Lepidosaphes yanagicola</i> (Kuw.) (Coccidae): <i>Diospyros kaki</i> (kaki persimmon).....	do.....	1	-----	-----	Hawaii.
<i>Leptidea brevipennis</i> Muls. (Cerambycidae): <i>Salix</i> sp. (willow).....	France(?).....	-----	1	-----	Mich.
<i>Leptocorixa varicornis</i> (F.) (Coreidae): Airplane.....	Philippines.....	-----	1	-----	Hawaii.
<i>Leptodictya sinaloana</i> Drake (Tingidae): <i>Tillandsia usneoides</i> (Spanish moss).....	Mexico.....	1	-----	-----	Calif.*
<i>Leptoglossus chilensis</i> (Spin.) (Coreidae): <i>Vitis</i> sp. (grape).....	Chile.....	3	-----	-----	N.Y.
<i>Leptopharsa usingeri</i> Drake (Tingidae): <i>Yucca</i> sp. (seed).....	Mexico.....	-----	-----	1	Tex.
<i>Leucaspis lowi</i> Colvee (Coccidae): <i>Pinus</i> sp. (pine) needles.....	Austria.....	1	-----	-----	Ill.
<i>Leucaspis pusilla</i> Loew (Coccidae): <i>Pinus</i> sp. (pine) needles.....	Greece.....	1	-----	-----	N.Y.
<i>Leucoptera coffeella</i> G.-M. (Lyonetiidae): <i>Coffea</i> sp. (coffee) leaf.....	Cuba, Guatemala, Haiti.	2	-----	1	Fla.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae): <i>Cucumis melo</i> var. <i>cantalupensis</i> (cantaloupe).....	Mexico.....	1	-----	-----	Tex.
<i>Ligyrocoris nitidulus</i> (Uhler) (Lygaeidae): <i>Agave victoriae-reginae</i>	do.....	-----	-----	2	Tex.
<i>Limax marginatus</i> Müller (Limacidae): <i>Brassica oleracea</i> var. <i>botrytis</i> (broccoli).....	Azores, Italy.....	-----	2	-----	N.Y.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage).....	Italy.....	-----	1	-----	N.Y.
<i>Lactuca sativa</i> (lettuce).....	Spain.....	-----	1	-----	N.Y.
<i>Limax maximus</i> L. (Limacidae): <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Italy.....	-----	1	-----	N.Y.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Limothrips angulicornis</i> (Jablwki.) (Thripidae): <i>Prunus persica</i> var. <i>nectarina</i> (nectarine).....	Chile.....	1	-----	-----	N.Y.
<i>Limothrips denticornis</i> (Hal.) (Thripidae): <i>Calluna vulgaris</i> (heather).....	Scotland.....	-----	-----	1	N.Y.
Plant—unidentified.....	Netherlands.....	-----	-----	1	N.J.
<i>Lincus rufospilotus</i> (Westw.) (Pentatomidae): Orchid.....	Colombia, Peru.....	-----	-----	3	Fla.
<i>Lissonotus palustris</i> Blatchley (Curculionidae): Airplane.....	Unknown.....	-----	1	-----	Fla.
<i>Lobesia botrana</i> (Schiff.) (Olethreutidae): <i>Vitis</i> sp. (grape).....	Italy, Lebanon.....	2	-----	-----	N.Y.
<i>Lobesia botrana</i> (Schiff.) (?) (Olethreutidae): Quarters (with <i>Phoenix dactylifera</i>).....	Unknown.....	-----	1	-----	Mass.
<i>Lorryia formosa</i> Cooreman (Tydeidae): <i>Citrus limon</i> (lemon).....	Argentina.....	-----	1	-----	Fla.
<i>Lorryia mali</i> Oud. (Tydeidae): <i>Citrus limon</i> (lemon).....	Spain.....	-----	1	-----	Fla.
<i>Loxostege bifidalis</i> (F.) (Pyraustidae): <i>Portulaca</i> sp.....	Mexico.....	1	-----	-----	Tex.
<i>Lyctus africanus</i> Lesne (Lyctidae): Wood—unidentified.....	England, India.....	5	-----	-----	Fla., Mass., N.Y., Wis.
<i>Lyctus brunneus</i> (Steph.) (Lyctidae): Wood—unidentified.....	American Samoa, Brazil.....	2	-----	-----	Calif.,* Ohio.
<i>Lyctus linearis</i> (Goeze) (Lyctidae): Bagging.....	India.....	1	-----	-----	N.Y.
Gum.....	do.....	1	-----	-----	N.Y.
<i>Lygus lineolaris</i> (P. de B.) (Miridae): <i>Chrysanthemum</i> sp.....	Mexico.....	1	-----	-----	Tex.
<i>Lygus lucorum</i> Meyer-Dur. (Miridae): Plant—unidentified.....	Netherlands.....	-----	-----	1	N.J.
<i>Macroplox fasciata</i> (Herrich-Schaeffer) (Lygaeidae): <i>Stipa tenacissima</i> (esparto needlegrass).....	Italy.....	1	-----	-----	Md.
<i>Macrosiphum formosanum</i> Takah. (Aphidae): <i>Lactuca sativa</i> (lettuce).....	Japan.....	-----	1	-----	Hawaii.
<i>Mamestra brassicae</i> (L.) (Noctuidae): <i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	Tanganyika.....	-----	1	-----	N.Y.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage).....	England, France, Ger- many, Italy, Nether- lands.....	-----	7	-----	Ga., N.Y., P.R., Tex.
<i>Brassica</i> sp.....	Japan.....	-----	1	-----	Wash.
<i>Petroselinum crispum</i> (parsley).....	Italy.....	-----	1	-----	Pa.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae): <i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	5	-----	-----	Ill., P.R.
<i>Canavalia microcarpa</i> (mauna loa).....	Hawaii.....	5	-----	-----	Hawaii.
<i>Canavalia</i> sp.....	do.....	5	-----	-----	Calif.,* Hawaii.
Cargo (with celery and chayote).....	Puerto Rico.....	2	-----	-----	P.R.
<i>Phaseolus vulgaris</i> var. (string bean).....	Brazil, Japan, Puerto Rico.....	11	3	-----	Calif.,* Ill., Pa., P.R.
<i>Sesbania grandiflora</i> (agati sesbania).....	Hawaii.....	2	-----	-----	Hawaii.
<i>Sesbania</i> sp.....	do.....	1	-----	-----	Hawaii.
<i>Strongylodon macrobotrys</i> (?).....	do.....	1	-----	-----	Calif.*
<i>Matsucoccus matsumurae</i> (Kuw.) (Coccidae): <i>Pinus</i> sp. (pine).....	Japan.....	-----	1	1	Calif.,* Wash.
<i>Matsumuraeses phaseoli</i> (Mats.) (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean).....	do.....	-----	4	-----	Calif.,* Wash.
<i>Mecolaemus carvalhoi</i> (Costa Lima) (Miridae): Orchid.....	Peru.....	-----	-----	2	Fla.
<i>Megacerus alternatus</i> Bridw. (Bruchidae): Seed—assorted.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Megastes grandalis</i> Guen. (Pyraustidae): <i>Ipomoea batatas</i> (sweetpotato).....	Brazil.....	-----	1	-----	Md.
<i>Megastigmus cryptomeriae</i> Yano (Torymidae): <i>Cryptomeria japonica</i> (seed).....	Japan.....	-----	-----	1	N.J.
<i>Megastigmus suspectus pinsapinis</i> Hffm. (Tory- midae): <i>Cedrus deodara</i> (deodar cedar) seed.....	France (?).....	-----	-----	1	N.J.

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		Consump- tion	Nonentry	Propaga- tion	
<i>Melolontha melolontha</i> (L.) (Scarabaeidae): Airplane	France		28		N.Y.
<i>Mesochelidura peringueyi</i> Burr (Forficulidae): <i>Protea</i> sp. (cut flower)	Republic of South Africa.	1			N.Y.
<i>Metamasius hemipterus sericeus</i> (01.) (Curculionidae): <i>Musa paradisiaca</i> var. <i>sapientum</i> (banana)	Costa Rica, Ecuador, Panama.	20			Ala., Fla., La., N.Y., S.C., Tex
<i>Metopoplax ditomoides</i> (Costa) (Lygaeidae): Airplane	Morocco		1		Fla.
<i>Micrapate labialis</i> Lesne (Bostrichidae): Wood (crate)	Mexico	2			Calif., N.Y.
<i>Micrapate scabrata</i> (Erich.) (Bostrichidae): <i>Prunus domestica</i> (plum)	Chile	1			N.Y.
<i>Microcerotermes exiguus</i> (Hagen) (Termitidae): Orchid	British Guiana			1	Fla.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae): <i>Acacia farnesiana</i> (sweet acacia) seed	Jamaica			1	D.C.
Airplane	Venezuela		1		P.R.
Legume (seed)	Hawaii			1	Hawaii.
Seed—unidentified	Mexico			1	Tex.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae): Bamboo	India	1			N.Y.
Wood (crate)	Brazil, England, Thailand, Venezuela (?)	4			Fla., Ill., Ohio.
<i>Molorchus minor</i> (L.) (Cerambycidae): Wood (crate)	Sweden	1			Wis.
<i>Monacha cantiana</i> (Montagu) (Helicellidae): <i>Lactuca sativa</i> (lettuce)	Italy		1		N.Y.
Military cargo	France	2			La.
Plant—unidentified	Germany			1	N.J.
<i>Monacha carthusiana</i> (Müller) (Helicellidae): <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage) seed	Italy			1	N.Y.
Military cargo	do	1			La.
<i>Monomorium destructor</i> (Jerd.) (Formicidae): <i>Dendrobium</i> sp. (orchid)	India			1	Fla.
Fruit—miscellaneous	Philippines	1			Wash.
<i>Gladiolus</i> hybrid	Indonesia	1			Hawaii.
Grass (plant)	India			1	D.C.
Herbs (dried)	Trinidad	1			N.Y.
Mail package	Hawaii	1			Hawaii.
<i>Pyrus</i> sp. (pear) dried	India			1	D.C.
Quarters	Unknown		1		Ill.
<i>Moodna bisinuella</i> Hamp. (Phycitidae): <i>Zea mays</i> (corn)	Mexico		1		Calif.
<i>Morganella longispina</i> (Morg.) (Coccidae): <i>Citrus aurantifolia</i> (lime)	Hawaii	1			Calif.*
<i>C. grandis</i> (pummelo)	Tahiti	2	1		Calif.,* Hawaii.
<i>C. paradisi</i> (grapefruit)	do		1		Calif.*
<i>C. reticulata</i> (Mandarin orange)	Japan		2		Calif.*
<i>C. sinensis</i> (sweet orange)	do		1		Calif.*
Plant—unidentified	Bermuda	1			Mass.
<i>Mormidea inermis</i> Dallas (Pentatomidae): Orchid	Mexico			1	Tex.
<i>Myelobia smerinthus</i> (Hbn.) (Galleriidae): Bamboo	do	2			Fla., Tex.
<i>Myodocha longicollis</i> Stal (Lygaeidae): Orchid	do			1	Fla.
<i>Myzaphis bucktoni</i> Jacob (?) (Aphidae): <i>Rosa</i> hybrid (rose) petal	France	1			N.Y.
<i>Myzus ascalonicus</i> Donc. (Aphidae): <i>Allium cepa</i> (onion)	Netherlands			1	N.J.
<i>Aster</i> sp. (plant)	Germany			1	N.J.
Stores (on lettuce)	Unknown		4		N.Y.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae): <i>Cyathea</i> sp. (treefern)	Mexico			1	Tex.
<i>Dalbergia</i> sp. (rosewood) log	Brazil	1			La.
Orchid	Honduras			1	Fla.
Wood (crate)	Colombia	1			Fla.

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<i>Nasutitermes costalis</i> (Holmgr.) (Termitidae): Wood (limb with orchid on it).....	Trinidad.....	1	-----	-----	Fla.
<i>Nasutitermes ephratae</i> (Holmgr.) (Termitidae): Bromeliad.....	British Honduras.....	-----	-----	2	Fla.
Orchid.....	British Honduras, Dominican Republic.....	-----	-----	3	Fla.
<i>Schomburgkia</i> sp. (orchid).....	British Honduras.....	-----	-----	1	Fla.
<i>Nasutitermes nigricaps</i> (Hald.) (Termitidae): Airplane.....	do.....	-----	1	-----	Fla.
Bromeliad.....	do.....	-----	-----	4	Fla.
Orchid.....	Brazil, British Honduras.....	-----	-----	2	Fla.
<i>Schomburgkia</i> sp. (orchid).....	British Honduras.....	-----	-----	1	Fla.
<i>Naupactus xanthographus</i> (Germ.) (Curculionidae): <i>Vitis</i> sp. (grape).....	Chile.....	8	-----	-----	N.Y.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae): Cargo (with pumpkin).....	Mexico.....	1	-----	-----	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	2	-----	-----	Tex.
<i>Solanum melongena</i> (eggplant).....	Brazil, Venezuela.....	1	1	-----	N.Y., P.R.
<i>S. quitoense</i>	Haiti.....	1	-----	-----	Fla.
<i>Neolobophora ruficeps</i> (Burm.) (Forficulidae): Bromeliad.....	Costa Rica.....	-----	-----	1	Fla.
<i>Neophyllaphis araucariae</i> Takah. (Aphidae): <i>Araucaria</i> sp.....	Hawaii.....	-----	-----	1	Hawaii.
<i>Neotermes castaneus</i> (Burm.) (Kalotermitidae): <i>Dioscorea</i> sp. (yam).....	Haiti.....	1	-----	-----	N.Y.
<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae): Airplane.....	Japan (?), Philippines (?). -----	-----	4	-----	Hawaii.
<i>Nezara viridula</i> (L.) (Pentatomidae): Military cargo.....	Morocco, unknown.....	2	-----	-----	N.Y., S.C.
<i>Vitis</i> sp. (grape).....	Chile, Republic of South Africa.....	5	-----	-----	N.Y.
<i>Nilotaspis halli</i> (Green) (Coccidae): <i>Prunus</i> sp.....	Iran.....	-----	-----	1	D.C.
<i>Nipponaclerda biwakoensis</i> (Kuw.) (Coccidae): <i>Phragmites communis</i> (reed).....	Japan.....	1	-----	-----	Calif.*
<i>Nudur fractivittarum</i> Dyar (Lithosiidae): Bromeliad.....	British Honduras.....	-----	-----	1	Fla.
<i>Nysius delectulus</i> Perkins (Lygaeidae): Airplane.....	Hawaii.....	-----	1	-----	Hawaii.
<i>Nysius huttoni</i> B. White (Lygaeidae): <i>Lactuca sativa</i> (lettuce).....	New Zealand.....	-----	1	-----	Hawaii.
<i>Nysius raphanus</i> Howard (Lygaeidae): <i>Brassica</i> sp.....	Mexico.....	3	-----	-----	Tex.
Plant—unidentified.....	do.....	1	-----	-----	Ariz.
<i>Portulaca oleracea</i> (purslane).....	do.....	1	-----	-----	Tex.
<i>Portulaca</i> sp.....	do.....	1	-----	-----	Tex.
<i>Zea mays</i> (corn).....	do.....	2	-----	-----	Tex.
<i>Nysius tenellus</i> Barber (Lygaeidae): <i>Agave victoriae-reginae</i>	do.....	-----	-----	1	Tex.
Airplane.....	British West Indies.....	-----	1	-----	P.R.
<i>Chrysanthemum parthenium</i>	Mexico.....	1	-----	-----	Tex.
<i>Odonaspis ruthae</i> Kot. (Coccidae): <i>Cynodon dactylon</i> (Bermuda grass).....	Republic of South Africa.....	-----	-----	1	D.C.
<i>Cynodon</i> sp. (dogtooth grass).....	Ethiopia.....	-----	-----	1	D.C.
<i>Oenopiella unidentata</i> (Spinola) (Pentatomidae): Airplane.....	Argentina (?).....	-----	1	-----	Fla.
<i>Ogdoecosta biannularis</i> (Boh.) (Chrysomelidae): Bromeliad.....	Mexico.....	-----	-----	1	Ariz.
<i>Onthophagus taurus</i> (Schr.) (Scarabaeidae): Automobile.....	Unknown.....	1	-----	-----	N.Y.
<i>Onychaspidium apicale</i> (Will.) (Chloropidae): Orchid.....	Mexico.....	-----	-----	1	Tex.
<i>Opogona sacchari</i> (Bojer) (Tineidae): <i>Haworthia arachnoidea</i>	Republic of South Africa.....	-----	-----	1	N.J.
Log.....	Africa (country (?)).....	1	-----	-----	La.
<i>Ornithogalum</i> sp. (chinkerichee).....	Republic of South Africa.....	-----	-----	1	N.J.

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<i>Orchidophilus aterrimus</i> (Waterh.) (Curculionidae):					
Orchid	Hawaii	1			Hawaii.
<i>Vanda</i> 'Miss Joaquim' (orchid)	do	1			Hawaii.
<i>Orphulella punctata</i> (DeG.) (Acrididae):					
Airplane	Dominican Republic		1		P.R.
<i>Orthezia praelonga</i> Dougl. (Coccidae):					
<i>Anthurium</i> sp.	Trinidad	1			P.R.
<i>Ostrinia nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Castanea</i> sp. (chestnut)	Italy	1			N.J.
<i>Chrysanthemum morifolium</i>	Japan	1			Hawaii.
<i>Chrysanthemum</i> sp.	do	1			Wash.
Military cargo	Spain	1			La.
<i>Phaseolus vulgaris</i> var. (string bean)	Japan		2		Calif.,* Wash.
<i>Sorghum vulgare</i> var. <i>technicum</i> (broomcorn)	Italy, Yugoslavia	3			N.Y.
<i>Otala lactea</i> (Müller) (Helicidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i>	Italy	1			N.Y.
<i>Lactuca sativa</i> (lettuce)	do		1		N.Y.
Military cargo	Morocco	2			La., Tex.
<i>Otala vermiculata</i> (Müller) (Helicidae):					
Military cargo	Italy, Morocco, Spain	5			La., N.Y., Va.
<i>Otosema odorata</i> (L.) (Noctuidae):					
Airplane	Venezuela		1		Fla.
<i>Oulema melanopa</i> (L.) (Chrysomelidae):					
Plant—unidentified	Netherlands			2	N.J.
Soil with <i>Calluna vulgaris</i> (heather)	Germany			1	Mich.
<i>Oxaxis xerensis</i> Arnett (Oedemeridae):					
Baggage	Mexico	1			Calif.
<i>Orychilus alliarius</i> (Müller) (Zonitidae):					
Cactus	Italy			1	N.Y.
Orchid	Mexico			1	Hawaii.
<i>Orychilus draparnaldi</i> (Beck) (Zonitidae):					
Military cargo	France	1			La.
<i>Orycopis vittata</i> (Fab.) (Oedemeridae):					
Airplane	Puerto Rico		1		P.R.
<i>Pachybrachius albocinctus</i> Barber (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Pagiocerus fiorii</i> (Egg.) (Scolytidae):					
<i>Zea mays</i> (corn)	Peru	1	1		La., N.Y.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica, Trinidad	2			N.Y.
<i>Palpifer sexnotatus</i> (Moore) (?) (Hepialidae):					
<i>Colocasia antiquorum</i> (taro)	China	1			Wash.
<i>Paragonatas divergens</i> (Dist.) (Lygaeidae):					
Bromeliad	British Guiana			1	Fla.
<i>Paraputo taraktogeni</i> Rao (Coccidae):					
<i>Zantedeschia</i> sp. (calla lily)	India			1	N.J.
<i>Parisoschoenus expositus</i> (Champ.) (Curculionidae):					
<i>Chamaedorea</i> sp. (palm) seed	Mexico			1	Tex.
<i>Parisoschoenus flavolimbatus</i> (Champ.) (Curculionidae):					
<i>Chamaedorea oblongata</i> (palm) stem	do	1			Tex.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Brazil, India	1	3		Calif.*
<i>C. grandis</i> (pummelo)	Formosa		1	1	Calif.,* D.C.
<i>C. limon</i> (lemon)	Argentina, Brazil, unknown.		4		Ala., Calif.*
<i>C. paradisi</i> (grapefruit)	Australia(?), Brazil, Surinam, Tahiti, Trinidad, unknown.		7		Calif.*
<i>C. reticulata</i> (Mandarin orange)	Philippines		1		Hawaii.
<i>C. sinensis</i> (sweet orange)	Argentina, Brazil, Ecuador, Mexico, Tahiti, unknown.	5	18		Calif.,* Fla., N.Y.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (croton)	Hawaii			1	Hawaii.
<i>Parlatoria crypta</i> McKenzie (Coccidae):					
<i>Jasminum</i> sp. (jasmine)	India			1	Wash.

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<i>Parlatoria pittospori</i> Mask. (Coccidae): <i>Leucadendron</i> sp.	Republic of South Africa.	-----	-----	1	D.C.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae): <i>Citrus aurantifolia</i> (sour lime)	Cameroun, Gambia, Japan.	1	3	-----	Calif.,* Mass., N.Y.
<i>C. aurantifolia</i> (sweet lime)	Italy	1	-----	-----	Mass.
<i>C. grandis</i> (pummelo)	Japan	1	2	-----	Calif.*
<i>C. limon</i> (lemon)	Algeria, Italy, Japan, Liberia.	1	8	-----	Calif.,* N.Y. Tex.
<i>C. paradisi</i> (grapefruit)	China, Thailand	-----	3	-----	Calif.*
<i>C. reticulata</i> (Mandarin orange)	China, Formosa, Hong Kong, Japan, Okinawa, Philippines.	7	2	-----	Calif.,* Hawaii.
<i>C. sinensis</i> (sweet orange)	Algeria, China, Hong Kong, Israel, Italy, Japan, Philippines, Spain, unknown.	4	14	-----	Calif.,* Hawaii, Mass., N.Y.
<i>Citrus</i> sp. (leaf)	Japan, Thailand	1	1	-----	Calif.,* Hawaii.
<i>Paroracis antillarum</i> (Champ.) (Oedemeridae): Airplane	Venezuela	-----	1	-----	Fla.
<i>Patanga japonica</i> (Bol.) (Acrididae): Baggage	Japan	1	-----	-----	Wash.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae): <i>Gardenia</i> sp.	Hawaii	1	-----	-----	Calif.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae): <i>Gossypium herbaceum</i> (Levant cotton; boll)	Trinidad	-----	-----	1	Fla.
<i>Gossypium</i> sp. (cotton; bale)	India	1	-----	-----	Calif.*
<i>Gossypium</i> sp. (cotton; boll)	Haiti, Hawaii, Italy, Mexico, Turkey.	7	-----	-----	Fla., Hawaii, N.Y., Tex.
<i>Gossypium</i> sp. (cotton; motes)	Brazil	1	-----	-----	S.C.
<i>Gossypium</i> s.s. (cottonseed)	Brazil, Grand Cayman, Hong Kong, Mexico, United Arab Republic.	7	2	-----	Fla., N.Y., S.C., Tex.
<i>Gossypium</i> sp. (seed cotton)	Mexico	-----	4	-----	Tex.
<i>Hibiscus esculentus</i> (okra)	Dominican Republic, Haiti, Jamaica.	6	3	-----	Fla., N.Y., Pa., P.R.
<i>Hibiscus</i> sp. (lei)	Cuba	1	-----	-----	Va.
<i>Pelopidas mathias oberthuri</i> Evans (Hesperiidae): Airplane	Japan(?)	-----	1	-----	Hawaii.
<i>Pemphigus populiromulorum</i> Riley (Aphidae): <i>Populus</i> sp. (leaf)	Mexico	1	-----	-----	Ariz.
<i>Pentalonia nigronervosa</i> Coq. (Aphidae): <i>Alocasia</i> sp. (leaf)	Canal Zone	-----	-----	1	Fla.
<i>Alpinia mutica</i> (Malay galangal)	Hawaii	1	-----	-----	Hawaii.
<i>A. purpurata</i>	Hawaii, Panama	9	-----	-----	Fla., Hawaii.
<i>Alpinia</i> sp. (flower)	Canal Zone, Hawaii, Panama.	2	-----	1	Fla., Hawaii.
<i>Calochortus</i> sp. (mariposa)	Cuba	1	-----	-----	N.Y.
Fern	Peru	-----	-----	1	Fla.
<i>Heliconia humilis</i>	Hawaii	1	-----	-----	Hawaii.
<i>Heliconia</i> sp.	Cuba	-----	-----	1	Fla.
<i>Phaeomeria</i> sp.	Ecuador	1	-----	-----	Fla.
<i>Strelitzia</i> sp. (bird-of-paradise-flower)	Jamaica, Panama	-----	-----	2	Fla., N.Y.
<i>Zingiber</i> sp. (ginger)	Hawaii	2	-----	-----	Hawaii.
<i>Pentamerismus oregonensis</i> McG. (Tenuipalpidae): <i>Juniperus chinensis</i> (pyramid Chinese juniper) dwarf.	Japan	-----	-----	1	N.Y.
<i>Juniperus</i> sp.	do	-----	-----	1	Calif.*
<i>Periphyllus aceris</i> (Koch) (Aphidae): <i>Acer pseudoplatanus</i> (sycamore maple)	France	-----	1	-----	Mass.
<i>Acer</i> sp.	do	-----	1	-----	N.Y.
<i>Perkinsiella saccharicida</i> Kirk. (Delphacidae): <i>Anthurium</i> sp.	Hawaii	1	-----	-----	Hawaii.
<i>Phalonia zephyrana</i> (Treit.) (Phaloniidae): <i>Daucus carota</i> var. <i>sativa</i> (carrot)	Italy	-----	4	-----	Fla., Pa.

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Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Phaneroptera furcifera</i> Stal (Tettigoniidae): Airplane	Guam		1		Hawaii.
<i>Pheidole megacephala</i> (F.) (Formicidae): <i>Alpinia purpurata</i> (cut flower)	Hawaii	2			Hawaii.
<i>Anacharis</i> sp. (waterweed)	Cuba			1	Fla.
<i>Ananas comosus</i> (pineapple)	do	2			Fla.
Bromeliad	British Honduras			7	Fla.
<i>Calliandra</i> sp.	Singapore			1	Hawaii.
<i>Capsicum annuum</i> (pepper)	Hawaii	1			Hawaii.
<i>Cibotium</i> sp. (fern)	do			1	Hawaii.
<i>Coccoloba uvifera</i> (seagrape)	Bermuda	1			Mass.
<i>Cocos nucifera</i> (coconut)	Hawaii	3		1	Hawaii.
<i>Cordyline terminalis</i> (ti)	do	1		1	Hawaii.
<i>Crotalaria</i> sp.	do	1			Hawaii.
<i>Cycas revoluta</i> (sago palm)	Okinawa			1	Hawaii.
<i>Dalbergia</i> sp. (rosewood) log	Brazil	1			La.
Debris	Bahamas		1		Fla.
Flowers	Bermuda	1			N.Y.
Food	Hawaii	1			Hawaii.
<i>Hibiscus</i> sp.	Bermuda			1	N.Y.
<i>Ipomoea batatas</i> (sweetpotato)	Hawaii	1			Hawaii.
<i>Ixora chinensis</i> (lei)	Fiji	1			Hawaii.
<i>Lansium domesticum</i> (langsat)	Philippines	1			Hawaii.
<i>Lathyrus odoratus</i> (sweetpea)	Bermuda	1			N.Y.
Mail package	Hawaii	1			Hawaii.
<i>Musa</i> sp. (rhizome)	Solomon Islands			1	D.C.
Orchid	British Honduras, Canal Zone, Hawaii, Honduras, Mexico.	1		9	Fla., Hawaii.
Plant—unidentified	Singapore			1	Hawaii.
<i>Plumeria</i> sp.	Hawaii			1	Hawaii.
<i>Prunus persica</i> (peach)	Portugal		1		Fla.
<i>Saccharum officinarum</i> (sugarcane)	St. Kitts	1			Am. V.I.
<i>Samanea saman</i> (raintree saman) log	Fiji	3			Hawaii.
Soil with <i>Mentha</i> sp. (mint) plant	Cuba			1	N.Y.
Waterlily	do	1			Fla.
<i>Phenacaspis cockerelli</i> (Cooley) (Coccidae): <i>Mangifera indica</i> (mango)	Philippines		1		Hawaii.
<i>Philaspis bivulnerata</i> (Boh.) (Chrysomelidae): Baggage (with artificial flowers)	Mexico	1			Ill.
<i>Phlyctinus callosus</i> Boh. (Curculionidae): <i>Vitis</i> sp. (grape)	Republic of South Africa	5			N.Y.
<i>Phoebolampta excellens</i> (Walk.) (Tettigoniidae): Quarters	Haiti		1		Tex.
<i>Phorodon menthae</i> (Buckt.) (Aphidae): <i>Mentha piperita</i> f. <i>rubescens</i>	Bulgaria			1	D.C.
<i>Mentha</i> sp. (mint)	England, Mexico	1		1	Calif., N.Y.
<i>Phricodus hystrix</i> (Germ.) (Pentatomidae): <i>Sesamum angolense</i>	Republic of South Africa			1	D.C.
<i>Phurys immunis</i> Guen. (Noctuidae): Airplane	Dominican Republic		1		Fla.
<i>Phyllophaga analis</i> (Burm.) (Scarabaeidae): <i>Manihot</i> sp. (cassava)	Cuba	1			N.Y.
<i>Phytomyza atricornis</i> Meig. (Agromyzidae): <i>Chrysanthemum</i> sp.	Bahamas, France	8			Fla., N.Y., Ohio.
<i>Phytomyza rufipes</i> Meig. (Agromyzidae): <i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)	Belgium, England, Netherlands.		20		N.Y., Pa., Tex.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	Belgium, England, Germany.		3		N.Y., Pa.
<i>B. rapa</i> (turnip)	England		1		Tex.
<i>Cichorium endivia</i> (endive)	Belgium, Netherlands	11	1		Mass., N.Y.
<i>C. intybus</i> (chicory)	Belgium	2			N.Y.
<i>Lactuca sativa</i> (lettuce)	Netherlands		1		Pa.
<i>Raphanus sativus</i> (radish)	Unknown		1		N.Y.
<i>Pieris brassicae</i> (L.) (Pieridae): <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	Italy		2		N.Y.
<i>Lactuca sativa</i> (lettuce)	Azores		1		N.Y.
Military cargo	Greece, Morocco	3			N.Y., S.C.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pinnaspis buxi</i> (Bouché) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Cuba.....			1	Fla.
<i>Cordyline terminalis</i> (ti).....	Hawaii, Panama.....	8		3	Fla., Hawaii.
<i>Cordyline</i> sp.....	Hawaii.....	1		1	Hawaii.
Palm (leaf).....	Japan.....		1		Calif.*
<i>Philodendron</i> sp.....	Hawaii.....			1	Hawaii.
<i>Scindapsus</i> sp. (ivy-arum) leaf.....	do.....			1	Hawaii.
<i>Pinnaspis caricis</i> Ferris (Coccidae):					
<i>Ophiopogon</i> sp. (lilyturf).....	Puerto Rico.....			1	D.C.
<i>Pinnaspis theae</i> (Mask.) (Coccidae):					
<i>Camellia sasanqua</i>	Formosa.....			1	D.C.
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
Conifer (dunnage).....	Belgium, Germany.....		2		Fla.
<i>Plagiomorpha scabricula</i> (Stal) (Chrysomelidae):					
Cactus.....	Mexico.....			1	Tex.
<i>Plagionotus arcuatus</i> (L.) (Cerambycidae):					
<i>Pinus</i> sp. (pine) dunnage.....	Unknown.....		1		Ohio.
<i>Platoeceticus symmicta</i> Dyar (Psychidae):					
<i>Musa paradisiaca</i> (plantain).....	Guatemala.....	1			Fla.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
<i>Nectandra rodiei</i> (greenhart) piling.....	British Guiana.....	1			Tex.
<i>Plusia orichalcea</i> (F.) (Noctuidae):					
<i>Allium sativum</i> (garlic).....	Spain.....		1		Mich.
<i>Podisus lineolatus</i> (Herrich-Schaeffer) (Pentatomidae):					
<i>Tillandsia</i> sp.....	Mexico.....			1	Tex.
<i>Polyancistrus serrulatus</i> (P. de B.) (Tettigoniidae):					
Orchid.....	Dominican Republic.....			1	Fla.
<i>Polyglypta costata</i> Burm. (Membracidae):					
Bromeliad.....	Mexico.....			1	Tex.
<i>Polytus mellerborghi</i> (Boh.) (Curculionidae):					
<i>Musa acuminata</i> (rhizome).....	Philippines.....			1	D.C.
<i>Musa</i> sp. (rhizome).....	do.....			1	D.C.
<i>Popillia lewisi</i> Arrow (Scarabaeidae):					
Airplane.....	Okinawa.....		3		Hawaii.
<i>Porphyrobaphe iostoma</i> Sowerby (Bulimulidae):					
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana).....	Ecuador, unknown.....	7			Calif.,* La., N.Y.
Quarters.....	Ecuador.....		1		Fla.
<i>Praeacedes thecophora</i> (Wlsm.) (Tineidae):					
<i>Dendrobium</i> sp. (orchid).....	Hawaii.....			1	Hawaii.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive).....	Italy.....	4		1	N.Y.
<i>Procryptotermes hubbardi</i> (Banks) (Kalotermitidae):					
Wood—unidentified.....	Mexico.....	1			Ariz.
<i>Prodenia litura</i> (F.) (Noctuidae):					
<i>Capsicum annuum</i> (pepper).....	Israel.....		1		N.Y.
<i>Protopulvinaria longivalvata</i> Green (Coccidae):					
Leaf—unidentified.....	Guatemala.....	1			Tex.
<i>Piper nigrum</i> (black pepper) leaf.....	Puerto Rico.....			1	D.C.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Gardenia jasminoides</i> (leaf).....	Cuba.....	2			Fla.
<i>Pseudacysta perseae</i> (Heid.) (Tingidae):					
<i>Persea americana</i> (avocado).....	Mexico.....	1			Tex.
<i>Pseudaonidia clavigera</i> (Ckll.) (Coccidae):					
<i>Gardenia</i> sp. (leaf).....	Hawaii.....			1	Calif.*
<i>Hibiscus</i> sp.....	do.....			1	Hawaii.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Brazil.....		2		N.Y.
<i>C. limon</i> (lemon).....	Argentina, Brazil.....	1	12		Calif.,* Fla., N.Y., P.R.
<i>C. sinensis</i> (sweet orange).....	Brazil.....		2		Calif.*
<i>Iroa coccinea</i> (leaf).....	Jamaica.....		1		Calif.*
<i>Mangifera indica</i> (mango).....	Philippines.....	1			Hawaii.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid) leaf.....	British Honduras, Costa Rica, Guatemala.....			4	Fla., Tex.
<i>Epidendrum</i> sp. (orchid).....	British Honduras.....			1	Tex.

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<i>Pseudischinaspis alienus</i> —Continued					
<i>Oncidium baueri</i> (orchid)-----	Canal Zone-----			1	Wash.
<i>Oncidium</i> sp. (orchid)-----	do-----			1	Tex.
Orchid-----	British Honduras, Guatemala, Hondu- ras, Mexico, Panama.			6	Calif.,* Fla., La., Tex.
<i>Pseudischinaspis bowreyi</i> (Ckll.) (Coccidae):					
<i>Agave</i> sp.-----	Jamaica-----			1	Fla.
<i>Pseudischinaspis longissima</i> (Ckll.) (Coccidae):					
<i>Citrus sinensis</i> (sweet orange)-----	Costa Rica-----		1		Calif.
<i>Pseudococcus azaleae</i> (Tins.) (Coccidae):					
<i>Rhododendron</i> sp.-----	Japan-----			1	N.J.
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)-----	Australia, Bahamas, Nigeria.	2	1		Bahamas, Hawaii, Mass.
<i>Pseudococcus citriculus</i> Green (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange)-----	Japan-----		1		Hawaii.
<i>Pseudococcus cocotis</i> (Mask.) (tentative) (Coccidae):					
<i>Cocos nucifera</i> (coconut) leaf-----	Christmas Island-----		1		Hawaii.
<i>Pseudococcus gahani</i> Green (Coccidae):					
<i>Citrus limon</i> (lemon)-----	Unknown-----		1		N.Y.
<i>Diospyros kaki</i> (kaki persimmon)-----	Chile-----	1			Fla.
<i>Protea</i> sp. (cut flower)-----	Republic of South Africa.	1			N.Y.
<i>Pseudococcus giffardi</i> Ehrh. (Coccidae):					
<i>Pandanus odoratissimus</i> -----	Hawaii-----	1			Hawaii.
<i>Pseudococcus lilacinus</i> (Ckll.) (Coccidae):					
<i>Psidium guajava</i> (guava)-----	Philippines-----	1			Wash.
<i>Pseudococcus mali</i> (Ezzat & McConnell) (tenta- tive) (Coccidae):					
<i>Cordyline terminalis</i> (ti) leaf-----	Hawaii-----	1			Hawaii.
<i>Pseudococcus neobrevipes</i> (Beardsley) (Coccidae):					
<i>Basella alba</i> (white vinespinach)-----	Palmyra Island-----	1			Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Hawaii-----	11		3	Calif.,* Hawaii.
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus parviflora</i> (Japanese white pine)-----	Japan-----			1	Hawaii.
" <i>Pseudoparlatoria</i> " <i>giffardi</i> Adachi & Fullaway (Coccidae):					
<i>Araucaria</i> sp.-----	Hawaii-----	1			Hawaii.
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae):					
Bromeliad-----	Brazil-----			1	Fla.
<i>Psylla mali</i> (Schmid.) (Psyllidae):					
<i>Malus</i> sp. (apple) scion-----	Switzerland-----			1	Wash.
<i>Ptilia versicolor</i> (Klug) (Argidae):					
<i>Tillandsia</i> sp.-----	Mexico-----			1	Tex.
<i>Pulvinaria aurantii</i> Ckll. (Coccidae):					
<i>Citrus aurantium</i> (sour orange)-----	Japan-----		1		Calif.*
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i> -----	Hawaii-----	4			Hawaii.
<i>Gardenia jasminoides</i> -----	do-----	3		1	Calif.,* Hawaii.
<i>Hedychium</i> sp. (ginger lily) leaf-----	do-----	1			Hawaii.
<i>Litchi chinensis</i> (lychee)-----	Okinawa-----		1		Hawaii.
<i>Pulvinaria urbicola</i> Ckll. (?) (Coccidae):					
<i>Zingiber spectabile</i> (redbract ginger)-----	Hawaii-----	1			Hawaii.
<i>Puto barberi</i> (Ckll.) (Coccidae):					
Seed pod—unidentified-----	Colombia-----	1			Calif.*
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
<i>Cephalocereus senilis</i> (oldman cactus)-----	Mexico-----			1	Tex.
<i>Epidendrum vitellinum</i> (orchid)-----	do-----			1	Hawaii.
<i>Trichopilia tortilis</i> (orchid)-----	do-----			1	Hawaii.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Cypripedium</i> sp. (orchid)-----	Guatemala-----			1	Calif.*
<i>Laelia superbiens</i> (orchid)-----	do-----			1	Tex.
<i>Odontoglossum grande</i> (orchid)-----	do-----			1	Tex.
<i>Odontoglossum</i> var.-----	do-----			1	Calif.*
<i>Oncidium</i> sp. (orchid)-----	do-----			1	Calif.*
Orchid-----	do-----			3	Ariz., Fla.

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<i>Rehimena phrynealis</i> Wlk. (Pyraustidae): Airplane	Philippines (?)		1		Hawaii.
<i>Reticulitermes speratus</i> (Kolbe) (Rhinotermitidae): Wood—unidentified	Japan	1			Hawaii.
<i>Rhagoletis alternata</i> (Fall.) (?) (Tephritidae): Rosaceae (berry)	Italy	1			N.Y.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae): <i>Prunus</i> sp. (cherry)	Czechoslovakia, Denmark, France, Germany, Greece, Hungary, Israel (?), Italy, Netherlands, Poland, Portugal, Spain, unknown.	40	29		Calif.,* Ill., Mass., Mich., N.Y.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae): <i>Prunus</i> sp. (cherry)	Italy		1		Mass.
<i>Rhaphogaster nebulosa</i> (Poda) (Pentatomidae): Military cargo	Spain	1			La.
<i>Rhynchites auratus</i> (Scop.) (Curculionidae): <i>Prunus spinosa</i> (sloe) seed	Scotland			1	N.J.
<i>Rhynchotermes nasutissimus</i> (Silv.) (Termitidae): Bromeliad	Peru			1	Fla.
<i>Rhyparochromus pini</i> (L.) (Lygaeidae): <i>Fragaria</i> sp. (strawberry)	Germany			1	Ill.
<i>Ribua innoxia</i> Hein. (Phycitidae): <i>Ananas comosus</i> (pineapple)	Cuba, Dominican Republic.	21			Fla., N.Y.
<i>Rumina decollata</i> (L.) (Achatinidae): Soil	Italy	1			N.Y.
<i>Sardia pluto</i> (Kirk.) (Delphacidae): Airplane	South Pacific		1		Hawaii.
<i>Schoenobius incertulas</i> (Wlk.) (Schoenobiidae): Airplane	Unknown		1		Hawaii.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae): <i>Codiaeum</i> sp. (leaf)	Hawaii	1			Hawaii.
Orchid (leaf)	Peru			1	Fla.
<i>Sesamia cretica</i> Led. (Noctuidae): <i>Sorghum vulgare</i> (sorghum) stalk	Italy	1			Md.
<i>Sesamia inferens</i> (Wlk.) (Noctuidae): <i>Oryza sativa</i> (rice)	Japan		1		Hawaii.
<i>Sesamia nonagrioides</i> (Lef.) (Noctuidae): <i>Zea mays</i> (corn) stalk	Spain	1			N.Y.
<i>Sessinia livida</i> (Fab.) (Oedemeridae): Airplane	Canton Island, Christmas Island.		3		Hawaii.
<i>Sinoxylon anale</i> Lesne (Bostrichidae): Wood (crate)	India	1			Mass.
<i>Sinoxylon conigerum</i> Gerst. (Bostrichidae): Airplane	Okinawa (?)		1		Hawaii.
Mail package	Hawaii	1			Hawaii.
Wood (crate)	England, India, Pakistan.	5			Calif.,* Fla., N.Y., S.C.
<i>Sinoxylon ruficorne</i> Fahr. (Bostrichidae): Wood (crate)	Angola	1			N.Y.
<i>Siphanta acuta</i> (Wlk.) (Flatidae): <i>Alpinia purpurata</i> (cut flower)	Hawaii	1			Hawaii.
<i>Anthurium</i> sp. (cut flower)	do	1			Hawaii.
<i>Metrosideros</i> sp. (iron tree)	do	1			Hawaii.
<i>Phaeomeria magnifica</i> (cut flower)	do	1			Hawaii.
<i>Sitona hispidula</i> (F.) (Curculionidae): Bagging	Germany	1			Wis.
Debris	do		1		Wis.
<i>Sitona lineata</i> (F.) (Curculionidae): Leaf—unidentified	Portugal		1		N.Y.
Plant—unidentified	Netherlands			2	N.J.
<i>Syringa</i> sp. (lilac) cut flower	do	2			N.Y.
<i>Solaropsis monile</i> (Broderip) (Camaenidae): <i>Musa paradisiaca</i> var. <i>sapientum</i> (banana)	Ecuador	3			Ala., Fla.
<i>Solenopsis saevissima richteri</i> Forel. (Formicidae): <i>Juglans regia</i> (English walnut)	South America (country ??).		1		Fla.

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<i>Sparedrus depressus</i> (Champ.) (Oedemeridae): Orchid.....	Mexico.....	-----	-----	1	Tex.
<i>Sparteus villosus</i> (F.) (Bruchidae): <i>Laburnum alpinum</i> (seed).....	Italy.....	-----	-----	1	N.J.
<i>L. anagyroides</i> (seed).....	do.....	-----	-----	1	N.J.
<i>Specularius erythrinae</i> Bridw. (Bruchidae): <i>Erythrina abyssinica</i> (seed).....	Federation of Rhodesia and Nyasaland.....	-----	-----	1	N.J.
<i>E. humeana</i> (Hume coralbean) seed.....	Federation of Rhodesia and Nyasaland, Republic of South Africa.....	-----	-----	2	N.J.
<i>Erythrina</i> sp.....	Federation of Rhodesia and Nyasaland.....	-----	-----	1	N.J.
<i>Stator limbatus</i> (Horn) (Bruchidae): Legume (seed).....	Hawaii.....	-----	-----	1	Hawaii.
<i>Pithecellobium mexicanum</i> (seed).....	Mexico.....	-----	-----	1	Ariz.
<i>Samanea saman</i> (raintree saman) seed.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Stator pruininus</i> (Horn) (Bruchidae): <i>Dianthus caryophyllus</i> (carnation) lei.....	do.....	2	-----	-----	Hawaii.
<i>Leucaena leucocephala</i> (seed).....	do.....	1	-----	-----	Hawaii.
<i>Steneotarsonemus laticeps</i> (Halb.) (Tarsonemi- dae): <i>Narcissus</i> sp. (bulb).....	England, Ireland, Northern Ireland.....	-----	-----	266	N.J.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae): <i>Persea americana</i> (avocado).....	Brazil, Colombia, Ecuador, El Salva- dor, Guatemala, Honduras, Mexico, Nicaragua, Panama.....	22	-----	1	Ariz., Calif.,* Fla., La., Tex.
<i>Stenoptilia stigmatodactyla</i> Zell. (Pterophoridae): <i>Gentiana</i> sp. (cut bloom).....	Switzerland.....	2	-----	-----	N.Y.
<i>Stephanitis pyri</i> (F.) (Tingidae): <i>Chrysanthemum</i> sp.....	Greece.....	-----	-----	1	N.Y.
<i>Stephanitis pyrioides</i> (Scott) (Tingidae): <i>Rhododendron</i> sp. (azalea).....	Japan.....	-----	-----	1	Hawaii.
<i>Stephanitis typica</i> (Dist.) (Tingidae): <i>Garcinia</i> sp. (fruit).....	Philippines.....	1	-----	-----	Wash.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae): <i>Coffea arabica</i> (Arabian coffee).....	Brazil.....	-----	-----	1	D.C.
<i>Sternochetus mangiferae</i> (F.) (Curculionidae): <i>Mangifera indica</i> (mango).....	Guam, Hawaii, India.....	29	14	2	Calif.,* Hawaii, Pa.
<i>Sterrha inguinata</i> (Scop.) (Geometridae): <i>Anthemis</i> sp. (camomile) tea.....	Yugoslavia.....	1	-----	-----	Ill.
Herbs (dried).....	Italy.....	1	-----	-----	N.Y.
<i>Stromatium longicorne</i> (Newm.) (Cerambycidae): Airplane.....	Okinawa(?).....	-----	1	-----	Hawaii.
<i>Subulina octona</i> (Bruguiere) (Achatinidae): Bromeliad.....	Surinam.....	-----	-----	1	Fla.
<i>Persea americana</i> (avocado).....	St. Lucia.....	-----	-----	1	P.R.
<i>Subulitermes microsoma</i> (Silv.) (Termitidae): <i>Dalbergia</i> sp. (rosewood) log.....	Brazil.....	1	-----	-----	La.
<i>Suidasia medanensis</i> Oud. (Acaridae): <i>Secale cereale</i> (rye) straw.....	France.....	1	-----	-----	Fla.
<i>Sybra alternans</i> (Wied.) (Cerambycidae): Baggage.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Syneda confirmans</i> Wlk. (Noctuidae): Quarters.....	Bahamas.....	-----	1	-----	Fla.
<i>Synyrias diffundens</i> (Wlk.) (Noctuidae): Airplane.....	Venezuela.....	-----	1	-----	Fla.
<i>Systole albipennis</i> Wlk. (Eurytomidae): Stores.....	England.....	-----	1	-----	Fla.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae): <i>Callistephus chinensis</i> (China-aster).....	Norway.....	1	-----	-----	N.Y.
<i>Calluna vulgaris</i> (heather).....	Canada, Scotland.....	2	-----	-----	N.Y., Wash.
<i>Dianthus caryophyllus</i> (carnation).....	Germany, Hungary, Poland, unknown.....	3	1	-----	Ill., N.Y.
<i>Dianthus</i> sp.....	Norway, unknown.....	1	1	-----	N.Y.

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[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Taeniothrips atratus</i> —Continued					
Flowers—mixed	England, Germany, Poland	7			Mass., N.Y.
<i>Gladiolus</i> hybrid	Hungary	1			N.Y.
<i>Lathyrus odoratus</i> (sweetpea)	England	1			Mass.
<i>Lavandula</i> sp. (lavender)	do			1	Mass.
Plant—unidentified	Netherlands			4	N.J.
<i>Rosa</i> hybrid	England, Poland	3			N.Y.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation)	Germany, Hungary	2			Ill., N.Y.
<i>Dianthus</i> sp.	Unknown		1		N.Y.
Flowers—mixed	Poland, unknown	2			N.J., N.Y.
<i>Taeniothrips distalis</i> Karny (Thripidae):					
<i>Chrysanthemum morifolium</i>	Japan	1			Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	do	1			Hawaii.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Norway, Scotland	4	1	2	Ill., Mass., N.Y.
<i>Rosa</i> hybrid	England	1			N.Y.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Amaryllis</i> sp. (bulb)	Japan			2	N.Y.
<i>Gladiolus</i> hybrid	Bermuda	1			N.Y.
<i>Lathyrus odoratus</i> (sweetpea)	do	1			N.Y.
<i>Lycoris aurea</i> (bulb)	Japan			2	Calif.,* N.Y.
<i>L. sprengeri</i> (bulb)	do			1	N.Y.
<i>L. squamigera</i> (bulb)	do			6	Calif.,* N.Y.
<i>Lycoris</i> sp. (bulb)	do			4	Calif.*
<i>Narcissus tazetta</i> (polyanthus narcissus)	Formosa			1	Hawaii.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Dendrobium superbum</i> (orchid)	Hawaii	1			Hawaii.
Flowers—mixed	do		1		N.Y.
<i>Gardenia jasminoides</i>	Australia, Hawaii	54	1		Hawaii.
<i>G. taitensis</i>	Hawaii	1			Calif.*
Orchid	do	2			Hawaii.
<i>Oryza sativa</i> (rice)	Ceylon	1			Hawaii.
<i>Plumeria rubra</i> (Mexican frangipani)	Hawaii	1			Hawaii.
<i>Plumeria</i> sp.	do	2			Hawaii.
<i>Polianthes tuberosa</i> (tuberose)	do	1			Hawaii.
<i>Rosa</i> hybrid	Australia		1		Hawaii.
<i>Strongylodon macrobotrys</i>	Hawaii	1			Hawaii.
<i>Taeniothrips vitticornis</i> (Karny) (Thripidae):					
<i>Canavalia microcarpa</i>	do	1			Hawaii.
Wood—unidentified	Philippines	1			Hawaii.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)	Mexico	3			Calif., Tex.
<i>Taphropeltus contractus</i> Herrich-Schaeffer (Lygaeidae):					
<i>Fragaria</i> sp. (strawberry)	France			1	N.Y.
<i>Targionia glomerata</i> (Green) (Coccidae):					
<i>Saccharum</i> sp.	India			1	D.C.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Arum</i> sp.	Dominican Republic	1			N.Y.
<i>Dioscorea</i> sp. (yam)	Anguilla, Cuba, St. Lucia	3			Fla., N.Y., P.R.
<i>Zingiber officinale</i> (ginger)	Federation of Malaya, Fiji, unknown	4			Calif.,* Ill., Mass., Wash.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
<i>Cymbopogon citratus</i> (lemongrass)	Puerto Rico			1	D.C.
<i>Saccharum officinarum</i> (sugarcane)	Barbados	1			N.Y.
<i>Saccharum</i> spp.	Cuba			1	D.C.
<i>Targionia vitis</i> (Sign.) (Coccidae):					
<i>Vitis</i> sp. (grape) cutting	Italy			1	N.Y.
<i>Taylorilygus pallidulus</i> (Blanch.) (Miridae):					
<i>Cucumis sativus</i> (cucumber)	Mexico	1			Ariz.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
Orchid	British Honduras, Mexico			2	Fla., Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid	British Honduras, El Salvador			2	Fla.

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<i>Tenthecoris distinctus</i> Hsiao & Sailer (Miridae):					
<i>Amaryllis</i> sp.	Peru			1	Fla.
Orchid	Mexico, Peru			2	Fla., Tex.
<i>Tenthecoris vestitus</i> (Dist.) (Miridae):					
<i>Oncidium</i> sp. (orchid) leaf	Nicaragua			1	Fla.
<i>Tenuipalpus japonicus</i> Ehara (Tenuipalpidae):					
<i>Diospyros</i> sp. (persimmon)	Japan	1			Wash.
<i>Tenuipalpus pacificus</i> Baker (Tenuipalpidae):					
<i>Phalaenopsis</i> sp. (orchid)	Philippines			1	Hawaii.
<i>Vandopsis</i> sp. (orchid)	do			1	Hawaii.
<i>Tenuirostritermes cinereus</i> (Buckley) (Termitidae):					
Railway car	Mexico		1		Tex.
<i>Termes hispaniolae</i> (Banks) (Termitidae):					
<i>Schomburgkia</i> sp. (orchid)	Grand Cayman			1	Fla.
<i>Tetranychus cinnabarinus</i> (Bois.) (Tetranychidae):					
<i>Citrus limon</i> (lemon)	Italy	1			N.Y.
<i>Rosa</i> hybrid (rose) leaf	Argentina		1		Fla.
<i>Tetranychus ludeni</i> Zacher (Tetranychidae):					
<i>Citrus limon</i> (lemon)	Italy	1			N.Y.
<i>Tetranychus neocalidonicus</i> Andre (Tetranychidae):					
<i>Arum</i> sp.	Hawaii			1	Hawaii.
<i>Tetranychus viennensis</i> Zacher (Tetranychidae):					
<i>Malus sylvestris</i> (apple)	Germany, Japan, unknown	1	2		Fla., N.C., Wash.
<i>Tetrapriocera longicornis</i> (Ol.) (Bostrichidae):					
Wood (crate)	Cuba	4			Fla.
<i>Thaumatomyia notata flavifrons</i> Macq. (Chloropidae):					
Airplane	Morocco	1			Fla.
<i>Theba pisana</i> (Müller) (Helicidae):					
<i>Anthemis</i> sp. (camomile)	Spain	1			P.R.
<i>Beta vulgaris</i> (beet)	Unknown		1		Mich.
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	France, Italy		2		N.Y., Va.
<i>Citrus sinensis</i> (sweet orange)	Morocco		1		S.C.
<i>Lactuca sativa</i> (lettuce)	France, Italy		2		N.Y.
<i>L. sativa</i> var. <i>longifolia</i> (romaine lettuce)	France		1		N.Y.
Military cargo	France, Italy, Libya, Morocco, Spain, Turkey, unknown	54			La., N.Y., N.C., S.C. Va.
Mollusks	France		1		N.Y.
Quarters	Spain		1		Va.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Cynara scolymus</i> (artichoke)	Spain	1			N.Y.
<i>Lactuca sativa</i> (lettuce)	England, unknown		3		N.Y.
<i>Thrips flavus</i> Schrank (Thripidae):					
<i>Althaea</i> sp.	France			1	N.J.
<i>Calluna vulgaris</i> (heather)	Scotland	1		1	Mass., N.Y.
<i>Chrysanthemum morifolium</i>	Japan, unknown	1	1		Mass., Hawaii.
Flowers—mixed	Germany, Scotland	2			N.Y.
<i>Gladiolus</i> hybrid	Hungary	1			N.Y.
<i>Paeonia suffruticosa</i> (tree peony)	Japan			1	N.J.
Plant—unidentified	Netherlands			5	N.J.
<i>Rosa</i> hybrid	Denmark, Germany	3	1		Ill., N.Y.
Soil sample	Ireland	1			N.Y.
<i>Thrips imaginis</i> Bgn. (Thripidae):					
Flowers—mixed	Australia	1	1		Hawaii.
<i>Gladiolus</i> hybrid	do	1			Hawaii.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Calluna vulgaris</i> (heather) cut flower	Germany	1			Ill.
<i>Convallaria majalis</i> (lily-of-the-valley)	Unknown		1		N.Y.
<i>Ficus carica</i> (fig)	Italy	1			Mass.
Flowers—mixed	Denmark, Scotland	2			N.Y.
<i>Rosa</i> hybrid	Azores, England, France, Germany	8		1	Ill., Mass., N.Y.
<i>Thyanta pallidovirens</i> (Stal) (Pentatomidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Thysanococcus chinensis</i> Stickney (Coccidae):					
<i>Calamus</i> sp. (rattan palm)	Australia	1			Calif.*

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<i>Toxoptera citricidus</i> (Kirk.) (Aphidae): Leaf.....	Hawaii.....	1			Hawaii.
<i>Trialeurodes vitrinellus</i> Ckll. (Aleyrodidae): Citrus sp. (leaf).....	Mexico.....	1			Tex.
<i>Trionymus lounsburyi</i> (Brain) (Coccidae): <i>Crassula marnierana</i>	Netherlands.....			1	D.C.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae): <i>Saccharum officinarum</i> (sugarcane).....	Cuba, Hawaii, Mexico, Peru.	3		3	D.C., Fla., Hawaii, Tex.
<i>Saccharum</i> sp.....	Barbados, Cuba, Hawaii.			3	D.C.
<i>Trogoderma granarium</i> Everts (Dermestidae): <i>Acacia senegal</i> (gum arabic).....	Sudan, United Arab Republic.	29			Mass., N.Y.
<i>Anogeissus latifolia</i> (gum ghatti).....	India.....	3			N.Y.
<i>Apium graveolens</i> (celery) seed.....	do.....	4			N.Y., N.C.
<i>Arachis hypogaea</i> (peanut).....	Nigeria, Senegal, unknown.		3		Ohio, Tex.
Bagging (including used burlap and wrappers on cinnamon, cotton waste, gum karaya, guar gum, pigeonpea, rice, stores, etc.).	Ceylon, England, India, Mozambique, Netherlands, Paki- stan, Singapore, Sudan, Thailand, United Arab Repub- lic, unknown.	26	15		Ga., Md., N.Y., N.C., Pa., S.C., Tex.
<i>Cicer arietinum</i> (chickpea).....	India.....		2		Md., Va.
<i>Cinnamomum</i> sp.....	Ceylon.....	4			N.Y.
<i>Corylus avellana</i> (filbert) nut.....	Kuwait.....	1			Mass.
<i>Cuminum cyminum</i> (cumin) seed.....	India.....	1			N.Y.
<i>Cyamopsis tetragonoloba</i> (guar gum).....	India, Pakistan.....	10			N.Y., N.C., S.C.
Debris.....	Unknown.....		1		Ill.
Food—miscellaneous.....	India.....		1		Wash.
<i>Gossypium</i> sp. (cottonseed).....	do.....			1	D.C.
Gum—unidentified.....	India, Sudan.....	2			N.Y.
Karaya gum.....	India, Pakistan.....	7			N.Y., N.C.
<i>Manihot esculenta</i> (common cassava).....	Singapore.....		1		N.Y.
<i>Oryza sativa</i> (rice).....	China, Formosa, Hong Kong, India, Iraq, Japan, Korea, Paki- stan, Philippines(?), Thailand, United Arab Republic, unknown.	1	18		Calif.,* Fla., Hawaii, Mass., N.Y., N.C., Pa., Tex.
<i>Palaequium gutta</i> (gutta-percha).....	Nigeria.....	1			N.Y.
<i>Phaseolus lunatus</i> (lima bean).....	India.....		1		N.C.
<i>Phaseolus</i> sp. (bean) dry.....	Formosa.....		1		Calif.*
<i>Pistacia</i> sp. (pistache) nut.....	Pakistan.....	3			N.Y.
<i>Pisum sativum</i> (pea).....	Greece.....		1		La.
Quarters (hold of ship).....	Unknown.....		8		Calif.,* Ill., Mich., S.C.
<i>Secale cereale</i> (rye) straw.....	France.....	1			Mass.
Stores (including bean, chickpea, corn, flour, grits, lentil, macaroni, noodles, pigeonpea, sesame seed, soybean, and miscellaneous dry stores)	Formosa, Germany, Greece, Hong Kong, India, Italy, Japan, Netherlands (?), Singapore, United Arab Republic, unknown.		37		Calif.,* La., Md., Mich., N.Y., N.C., Pa., S.C., Tex.
<i>Terminalia</i> sp. (myrobalan).....	India.....	13	1		Md., N.Y., S.C., Va.
<i>Triticum aestivum</i> (wheat).....	do.....	1			Va.
<i>Zingiber officinale</i> (ginger) root.....	Federation of Malaya, Singapore.	2			N.Y.
<i>Trogorylon aequale</i> (Woll.) (Lyctidae): Wood—unidentified.....	Philippines.....	2			Ala., Hawaii
<i>Trogorylon prostomoides</i> (Gorh.) (Lyctidae): <i>Swietenia mahagoni</i> (mahogany) bowl.....	Haiti.....	1			Fla.
<i>Tropidacris latreillei</i> (Perty) (Acrididae): Baggage (in envelope).....	Trinidad.....	1			Fla.
Quarters (deck of ship).....	Unknown.....		1		Pa.

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		Consump- tion	Nonentry	Propaga- tion	
<i>Tyrophagus oudemansi</i> Robertson (Acaridae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	-----	-----	1	N.Y.
<i>Daucus carota</i> var. <i>saliva</i> (carrot).....	Germany.....	-----	1	-----	Fla.
<i>Fragaria</i> sp. (strawberry).....	France.....	-----	-----	1	N.Y.
<i>Tyrophagus tropicus</i> Robertson (Acaridae):					
<i>Nephrolepis exaltata</i> (common swordfern).....	Hawaii.....	-----	-----	1	Hawaii.
<i>Udea ferrugalis</i> (Hbn.) (Pyraustidae):					
<i>Solanum melongena</i> (eggplant).....	Italy.....	-----	1	-----	N.Y.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Brazil, Cuba, Panama.....	2	2	-----	Calif.,* Fla.
<i>C. aurantium</i> (sour orange).....	Japan.....	-----	1	-----	Calif.*
<i>C. aurantium</i> var.....	do.....	-----	2	-----	Calif.*
<i>C. ichangensis</i> x <i>C. reticulata</i> (ichandarin).....	do.....	-----	1	-----	Calif.*
<i>C. paradisi</i> (grapefruit).....	Panama (?), West Indies.....	-----	2	-----	Calif.*
<i>C. reticulata</i> (Mandarin orange).....	Japan.....	-----	1	-----	Calif.*
<i>C. sinensis</i> (sweet orange).....	Brazil, Cuba, Haiti, Mexico.....	5	3	-----	Calif.,* Fla., N.C.
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Japan, Philippines.....	2	7	-----	Calif.,* Hawaii.
<i>C. aurantium</i> (sour orange).....	Japan.....	1	31	-----	Calif.*
<i>C. aurantium</i> var.....	do.....	-----	2	-----	Calif.*
<i>C. ichangensis</i> var. (ichang bitter-orange).....	do.....	-----	6	-----	Calif.*
<i>C. ichangensis</i> x <i>C. reticulata</i> (ichandarin).....	do.....	-----	1	-----	Calif.*
<i>C. limon</i> (lemon).....	do.....	-----	17	-----	Calif.*
<i>C. paradisi</i> (grapefruit).....	do.....	2	12	-----	Calif.,* Hawaii.
<i>C. paradisi</i> x <i>C. reticulata</i> (tangelo).....	do.....	1	1	-----	Hawaii.
<i>C. reticulata</i> (Mandarin orange).....	do.....	39	168	-----	Calif.,* Hawaii, N.Y.
<i>C. reticulata</i> hybrid (King orange).....	do.....	1	3	-----	Hawaii.
<i>C. sinensis</i> (sweet orange).....	Japan, Philippines.....	9	161	-----	Calif.,* Hawaii, N.Y., Pa.
<i>Citrus</i> sp.....	Japan.....	-----	3	-----	Calif.,* Hawaii.
<i>Valtissius diversus</i> (Dist.) (Lygaeidae):					
Orchid.....	Canal Zone, Guatemala.....	-----	-----	2	Fla.
<i>Veronicella moreleti</i> (Crosse & Fischer) (?) (Veronicellidae):					
Plant—unidentified.....	Costa Rica.....	-----	-----	1	Fla.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Achras zapota</i> (sapodilla) leaf.....	Cuba.....	1	-----	-----	Fla.
<i>Brassia caudata</i> (orchid).....	Canal Zone.....	-----	-----	1	Wash.
<i>Brassia</i> sp.....	Honduras, Jamaica.....	-----	-----	2	Fla.
<i>Broughtonia</i> sp. (orchid).....	Jamaica.....	-----	-----	11	Fla.
<i>Citrus</i> sp. (leaf).....	Dominican Republic.....	1	-----	-----	N.Y.
<i>Cocos nucifera</i> (coconut) frond.....	Trinidad.....	2	-----	-----	Am. V.I.
<i>Epidendrum atropurpureum</i> (orchid).....	Costa Rica.....	-----	-----	1	Fla.
<i>E. fragrans</i>	Trinidad.....	-----	-----	1	Fla.
<i>E. stamfordianum</i>	Canal Zone.....	-----	-----	1	Fla.
<i>Heliconia</i> sp. (leaf).....	Haiti, unknown.....	2	-----	-----	Fla., N.Y.
<i>Lycaste</i> sp. (orchid).....	Venezuela.....	-----	-----	1	Fla.
<i>Oncidium powellii</i> (orchid).....	Canal Zone.....	-----	-----	1	Calif.*
<i>Oncidium</i> sp.....	Ecuador.....	-----	-----	1	Fla.
Orchid.....	American Virgin Islands, Antigua, Bahamas, British Guiana, British Honduras, Canal Zone, Cuba, Dominica, Honduras, Jamaica, Kenya, Mexico, Nicaragua, Panama, Peru, Trinidad, unknown. British Honduras.....	-----	-----	33	Calif.,* Fla., La., N.Y., P.R.
<i>Trigonidium</i> sp. (orchid).....	British Honduras.....	-----	-----	1	Fla.
<i>Xiphidiopsis lita</i> Heb. (Tettigoniidae):					
<i>Cymbidium</i> sp. (orchid).....	Hawaii.....	1	-----	-----	Hawaii.

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<i>Xiphistes furcicornis</i> (Germ.) (Membracidae): <i>Vitis</i> sp. (grape)-----	Republic of South Africa.	1	-----	-----	N.Y.
<i>Xylobiops parilis</i> Lesne (Bostrichidae): Orchid-----	Mexico-----	-----	-----	1	Tex.
<i>Xylobiops sextuberculatus</i> (LeC.) (Bostrichidae): Debris-----	do-----	-----	1	-----	Tex.
<i>Xylomeira torquata</i> (F.) (Bostrichidae): Airplane-----	Unknown-----	-----	1	-----	P.R.
<i>Xylopsocus castanoptera</i> (Fairm.) (Bostrichidae): Airplane-----	Japan (?)-----	-----	1	-----	Hawaii.
<i>Zeadiatraea lineolata</i> (Wlk.) (Crambidae): <i>Zea mays</i> (corn)-----	Honduras-----	1	-----	-----	Fla.
<i>Zetha chavesi</i> (Bol.) (Polyphagidae): Straw (jacket)-----	Azores-----	1	-----	-----	Mass.

Hosts and Insects

ACACIA:

- Mimosestes sallaei* (Coleoptera)
Trogoderma granarium (Coleoptera)

ACER:

- Aceria macrorhynchus* (Acarina)
Chrysomphalus inopinatus (Homoptera)
Lecanium coryli (Homoptera)
Periphyllus aceris (Homoptera)

ACHRAS:

- Vinsonia stellifera* (Homoptera)

AGAVE:

- Aegiale hesperiaris* (Lepidoptera)
Batrachedra linaria (Lepidoptera)
Chrysomphalus agavis (Homoptera)
Gymnococcus agavium (Homoptera)
Ligyrocoris nitidulus (Hemiptera)
Nysius tenellus (Hemiptera)
Pseudischnaspis bowreyi (Homoptera)

ALLIUM CEPA:

- Aceria tulipae* (Acarina)
Ecpanttheria icasia (Lepidoptera)
Myzus ascalonicus (Homoptera)

ALLIUM PORRUM:

- Acrolepia assectella* (Lepidoptera)

ALLIUM SATIVUM:

- Aceria tulipae* (Acarina)
Brachycerus algirus (Coleoptera)
Dyspessa ulula (Lepidoptera)
Plusia orichalcea (Lepidoptera)

ALOCASIA:

- Pentalonia nigronervosa* (Homoptera)

ALPINIA:

- Adoretus sinicus* (Coleoptera)
Bradybaena similis (Mollusca)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Pulvinaria psidii (Homoptera)
Siphanta acuta (Homoptera)

ALTHAEA:

- Thrips flavus* (Thysanoptera)

ALYXIA:

- Ceroplastes rubens* (Homoptera)

AMARYLLIS:

- Euborellia stali* (Dermaptera)
Taeniothrips gracilis (Thysanoptera)
Tenthecoris distinctus (Hemiptera)

ANACHARIS:

- Pheidole megacephala* (Hymenoptera)

ANANAS:

- Alpheias conspirata* (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Ribua innoxia (Lepidoptera)

ANNONA:

- Anastrepha ludens* (Diptera)
Aspidiotus destructor (Homoptera)
Bephrata maculicollis (Hymenoptera)
Brevipalpus phoenicis (Acarina)
Cerconota anonella (Lepidoptera)
Talponia batesi (Lepidoptera)

ANOGEISSUS:

- Trogoderma granarium* (Coleoptera)

ANTHEMIS:

- Helicella variabilis* (Mollusca)
Sterrhia inquinata (Lepidoptera)
Theba pisana (Mollusca)

ANTHURIUM:

- Bradybaena similis* (Mollusca)
Ceroplastes rubens (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Orthezia praelonga (Homoptera)
Perkinsiella saccharicida (Homoptera)
Siphanta acuta (Homoptera)

APIUM:

- Euleia heraclei* (Diptera)
Trogoderma granarium (Coleoptera)

ARACHIS:

- Caryedon gonagra* (Coleoptera)
Trogoderma granarium (Coleoptera)

ARAUCARIA:

- Eriococcus araucariae* (Homoptera)
Neophyllaphis araucariae (Homoptera)
"Pseudoparlatoria" giffardi (Homoptera)

ARECA:

- Dacus dorsalis* (?) (Diptera)

ARTOCARPUS:

- Eutetranychus banksi* (Acarina)

ARUM:

- "Targionia" hartii* (Homoptera)
Tetranychus neocalidonicus (Acarina)

ASIMINA:

- Ceratitidis capitata* (Diptera)

ASTER:

- Myzus ascalonicus* (Homoptera)

BAMBOO:

- Asterolecanium miliaris robustum* (Homoptera)
Cryptoblades gnidiella (Lepidoptera)
Dinoderus brevis (Coleoptera)
Minthea rugicollis (Coleoptera)
Myelobia smerinthus (Lepidoptera)

BAMBUSA:

- Asterolecanium bambusae* (Homoptera)
Heterobostrychus aequalis (Coleoptera)

BARRINGTONIA:

- Ectomyelois ceratoniae* (Lepidoptera)

BASELLA:

- Pseudococcus neobrevipes* (Homoptera)

BETA:

- Gnorimoschema ocellatella* (Lepidoptera)
Theba pisana (Mollusca)

BETULA:

- Eriophyes leionotus* (Acarina)

BIFRENARIA:

- Asterolecanium epidendri* (Homoptera)

BORASSUS:

- Dinoderus brevis* (Coleoptera)

BRASSIA:

- Vinsonia stellifera* (Homoptera)

BRASSICA OLERACEA VAR. BOTRYTIS:

- Evergestis forficalis* (Lepidoptera)
Helix aperta (Mollusca)
Limax marginatus (Mollusca)
Mamestra brassicae (Lepidoptera)
Otala lactea (Mollusca)
Phytomyza rufipes (Diptera)

BRASSICA OLERACEA VAR. CAPITATA:

- Ecpanttheria eridanus* (Lepidoptera)
Epilachna 28-punctata (Coleoptera)
Helicella itala (Mollusca)
Helix aperta (Mollusca)
Hellula undalis (Lepidoptera)
Limax marginatus (Mollusca)
L. maximus (Mollusca)
Mamestra brassicae (Lepidoptera)
Monacha carthusiana (Mollusca)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Theba pisana (Mollusca)

BRASSICA RAPA:

- Phytomyza rufipes* (Diptera)

BRASSICA SP.:

- Mamestra brassicae* (Lepidoptera)
Nysius raphanus (Hemiptera)

BROMELIA:

- Isorhinus undatus* (Coleoptera)

BROMELIAD:

- Agroiconota propinqua* (Coleoptera)
Arphnus melanotylus (Hemiptera)
Chrysomphalus umboniferus (Homoptera)
Clerada apicicornis (Hemiptera)
Cyrtomenus bergi (Hemiptera)
Dallasiellus orchidophilus (Hemiptera)
Dysdercus minus (Hemiptera)
Iridomyrmex iniquus (Hymenoptera)
I. leucomelas (Hymenoptera)
Nasutitermes ephratae (Isoptera)
N. nigriceps (Isoptera)
Neolobophora ruficeps (Dermaptera)
Nudur fractivittarum (Lepidoptera)
Ogdoecosta biannularis (Coleoptera)
Paragonatas divergens (Hemiptera)
Pheidole megacephala (Hymenoptera)
Polyglypta costata (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Rhynchotermes nasutissimus (Isoptera)
Subulina octona (Mollusca)

BROSIMUM:

- Chrysomphalus personatus* (Homoptera)

BROUGHTONIA:

- Asterolecanium epidendri* (Homoptera)
Vinsonia stellifera (Homoptera)

Hosts and Insects—Continued

- BUXUS:**
Eriophyes canestrinii (Acarina)
- CACTUS:**
Amitermes wheeleri (Isoptera)
Aulacoscelis melanocera (Coleoptera)
Camirus moestus (Coleoptera)
Lepidosaphes philococcus (Homoptera)
Orychilus alliarius (Mollusca)
Plagiomorpha scabricula (Coleoptera)
- CAJANUS:**
Ancylostomia stercorea (Lepidoptera)
Callosobruchus analis (Coleoptera)
Epinotia aporema (Lepidoptera)
Maruca testulalis (Lepidoptera)
- CALAMUS:**
Thysanococcus chinensis (Homoptera)
- CALLIANDRA:**
Pheidole megacephala (Hymenoptera)
- CALLISTEPHUS:**
Taeniothrips atratus (Thysanoptera)
- CALLUNA:**
Aphis callunae (Homoptera)
Gelechia ericetella (Lepidoptera)
Limothrips denticornis (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
Tyrophagus oudemansi (Acarina)
- CALOCARPUM:**
Anastrepha mombinpraeoptans (Diptera)
A. serpentina (Diptera)
Chrysomphalus odontoglossi (Homoptera)
C. personatus (Homoptera)
- CALOCHORTUS:**
Pentalonia nigronervosa (Homoptera)
- CALOPHYLLUM:**
Dacus dorsalis (Diptera)
- CAMELLIA:**
Aleurotrachelus camelliae (Homoptera)
Aspidiotus degeneratus (Homoptera)
Ceronema japonica (Homoptera)
Fiorinia theae (Homoptera)
Pinnaspis theae (Homoptera)
- CANANGA:**
Bemisia tabaci (Homoptera)
- CANAVALIA:**
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips vitticornis (Thysanoptera)
- CAPSICUM:**
Ceratitis capitata (?) (Diptera)
Frankliniella sulphurea (?) (Thysanoptera)
Gnorimoschema gudmannella (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Prodenia litura (Lepidoptera)
- CASSIA:**
Aganactesis indecora (Lepidoptera)
Caryedon gonagra (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
E. muriscis (Lepidoptera)
- CASTANEA:**
Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
- CATASETUM:**
Asterolecanium epidendri (Homoptera)
- CATTLEA:**
Asterolecanium epidendri (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Pseudischnaspis alienus (Homoptera)
- CEDRUS:**
Megastigmus suspectus pinsapinis (Hymenoptera)
- CELOSIA:**
Cryptoblabes gnidiella (Lepidoptera)
- CEPHALOCEREUS:**
Puto mexicanus (Homoptera)
- CHAMAECYPARIS:**
Diaspis juniperi (Homoptera)
- CHAMAEDOREA:**
Asterolecanium inlabefactum (Homoptera)
Calypsocephala marginipennis (Coleoptera)
Charidotis seminulum (Coleoptera)
Deloyala guttata (Coleoptera)
Helicina strebeli (Mollusca)
- Labia arcuata* (Dermaptera)
Parisoschoenus expositus (Coleoptera)
P. flavolimbatus (Coleoptera)
- CHAMAEROPS:**
Dactylotrypes uytttenboogaarti (Coleoptera)
- CHRYSANTHEMUM:**
Bryobia ehari (Acarina)
Conotelus mexicanus (Coleoptera)
Frankliniella formosae (Thysanoptera)
Lygus lineolaris (Hemiptera)
Nysius tenellus (Hemiptera)
Ostrinia nubilalis (Lepidoptera)
Phytomyza atricornis (Diptera)
Stephanitis pyri (Hemiptera)
Taeniothrips distalis (Thysanoptera)
Thrips flavus (Thysanoptera)
Thyanta pallidovirens (Hemiptera)
- CHRYSOPHYLLUM:**
Anastrepha serpentina (Diptera)
- CIBOTIUM:**
Pheidole megacephala (Hymenoptera)
- CICER:**
Bruchus tristiculus (Coleoptera)
Trogoderma granarium (Coleoptera)
- CICHORIUM:**
Phytomyza rufipes (Diptera)
- CINNAMOMUM:**
Trogoderma granarium (Coleoptera)
- CITRUS AURANTIFOLIA:**
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Chrysomphalus personatus (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
- CITRUS AURANTIUM:**
Aleurocanthus spiniferus (Homoptera)
Aleurotuberculatus aucubae (Homoptera)
Anastrepha ludens (Diptera)
Pulvinaria aurantii (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
- CITRUS AURANTIUM VAR.:**
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
- CITRUS GRANDIS:**
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
- CITRUS ICHANGENSIS VAR.:**
Unaspis yanonensis (Homoptera)
- CITRUS ICHANGENSIS X C. RETICULATA:**
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
- CITRUS LIMON:**
Aonidiella citrina (Homoptera)
Brevipalpus chilensis (Acarina)
B. obovatus (Acarina)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Fiorinia proboscidea (Homoptera)
Lorryia formosa (Acarina)
L. mali (Acarina)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Pseudococcus gahani (Homoptera)
Tetranychus cinnabarinus (Acarina)
T. ludeni (Acarina)
Unaspis yanonensis (Homoptera)
- CITRUS PARADISI:**
Anastrepha ludens (Diptera)
Aonidiella citrina (Homoptera)
Brevipalpus phoenicis (Acarina)
Ceratitis capitata (Diptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
- CITRUS PARADISI X C. RETICULATA:**
Unaspis yanonensis (Homoptera)

Hosts and Insects—Continued

CITRUS RETICULATA:

- Aleurotuberculatus aucubae* (Homoptera)
- Brevipalpus obovatus* (Acarina)
- B. phoenicis* (Acarina)
- Ceratitidis capitata* (Diptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudococcus citriculus* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonensis* (Homoptera)

CITRUS RETICULATA HYBRID:

- Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Aleurolobus marlatti* (Homoptera)
- Aleurotuberculatus aucubae* (Homoptera)
- Anastrepha ludens* (Diptera)
- Aonidiella citrina* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- A. palmae* (Homoptera)
- Bemisia citricola* (Homoptera)
- Brevipalpus phoenicis* (Acarina)
- Ceratitidis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudaonidia trilobitiformis* (Homoptera)
- Pseudischnaspis longissima* (Homoptera)
- Theba pisana* (Mollusca)
- Unaspis citri* (Homoptera)
- U. yanonensis* (Homoptera)

CITRUS SINENSIS X PONCIRUS

TRIFOLIATA:

- Aonidiella citrina* (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Aonidiella citrina* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Trialeurodes vitrinellus* (Homoptera)
- Unaspis yanonensis* (Homoptera)
- Vinsonia stellifera* (Homoptera)

COCOLOBA:

- Pheidole megacephala* (Hymenoptera)

COCOS:

- Aspidiotus destructor* (Homoptera)
- A. excisus* (Homoptera)
- A. palmae* (Homoptera)
- A. pangoensis* (Homoptera)
- Blastobasis inana* (Lepidoptera)
- Chrysomphalus albopictus* (Homoptera)
- Diocalandra taitensis* (Coleoptera)
- Fiorinia theae* (Homoptera)
- Furcaspis oceanica* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Pinnaspis buxi* (Homoptera)
- Pseudococcus cocotis* (tentative) (Homoptera)
- P. palmarum* (Homoptera)
- Vinsonia stellifera* (Homoptera)

CODIAEUM:

- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)
- Selenothrips rubrocinctus* (Thysanoptera)

COFFEA:

- Auximobasis coffeaella* (Lepidoptera)
- Brevipalpus phoenicis* (Acarina)
- Ceratitidis capitata* (Diptera)
- Coccus alpinus* (Homoptera)
- C. viridis* (Homoptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Leucoptera coffeella* (Lepidoptera)
- Stephanoderes hampei* (Coleoptera)

COLA:

- Ceratitidis colae* (?) (Diptera)

COLOCASIA:

- Palpifer sexnotatus* (?) (Lepidoptera)

CONVALLARIA:

- Thrips major* (Thysanoptera)

CORDYLINE:

- Bradybaena similis* (Mollusca)
- Dacus dorsalis* (?) (Diptera)
- Pheidole megacephala* (Hymenoptera)
- Pinnaspis buxi* (Homoptera)
- Pseudococcus mali* (tentative) (Homoptera)

CORYLUS:

- Trogoderma granarium* (Coleoptera)

CRASSULA:

- Trionymus lounsburyi* (Homoptera)

CRATAEGUS:

- Grapholitha packardi* (Lepidoptera)

CRESCENTIA:

- Heterotermes cardini* (Isoptera)

CRINUM:

- Haplothrips gowdeyi* (Thysanoptera)

CROTALARIA:

- Pheidole megacephala* (Hymenoptera)

CRYPTOMERIA:

- Callidium rufipenne* (Coleoptera)
- Megastigmus cryptomeriae* (Hymenoptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)
- Dysdercus mimus* (Hemiptera)
- D. sutereillus* (?) (Hemiptera)
- Ligyrocoris aurivilliana* (Hemiptera)
- Taylorilygus pallidulus* (Hemiptera)

CUCURBITA:

- Dacus cucurbitae* (Diptera)

CUMINUM:

- Trogoderma granarium* (Coleoptera)

CUPRESSUS:

- Callidium rufipenne* (Coleoptera)
- Forficula senegalensis* (Dermaptera)

CYAMOPSIS:

- Trogoderma granarium* (Coleoptera)

CYATHEA:

- Nasutitermes corniger* (Isoptera)

CYCAD:

- Diaspis zamiae* (Homoptera)

CYCAS:

- Pheidole megacephala* (Hymenoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)
- Ceratitidis capitata* (Diptera)
- Ectomyelois ceratoniae* (Lepidoptera)

CYMBIDIUM:

- Xiphidiopsis lita* (Orthoptera)

CYMBOPOGON:

- "*Targionia*" *sacchari* (Homoptera)

CYNARA:

- Anuraphis cardui* (Homoptera)
- Apion carduorum* (Coleoptera)
- Gortyna flavago* (Lepidoptera)
- Thrips angusticeps* (Thysanoptera)

CYNODON:

- Odonaspis ruthae* (Homoptera)

CYPRIPIEDUM:

- Puto ulter* (Homoptera)

DALBERGIA:

- Amitermes foreli* (Isoptera)
- Coptotermes niger* (Isoptera)
- C. testaceus* (Isoptera)
- Heterotermes convexinotatus* (Isoptera)
- Nasutitermes corniger* (Isoptera)
- Pheidole megacephala* (Hymenoptera)
- Subulitermes microsoma* (Isoptera)

DAUCUS:

- Phalonia zephyrana* (Lepidoptera)
- Tyrophagus oudemansi* (Acarina)

DENDROBIUM:

- Monomorium destructor* (Hymenoptera)
- Praeaccedes thecophora* (Lepidoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

DIALIUM:

- Caryedon gonagra* (Coleoptera)

DIANTHUS:

- Arge ochropa* (Hymenoptera)
- Frankliniella formosae* (Thysanoptera)
- F. intonsa* (Thysanoptera)
- Stator pruininus* (Coleoptera)
- Taeniothrips atratus* (Thysanoptera)
- T. dianthi* (Thysanoptera)
- T. distalis* (Thysanoptera)

DIGITARIA:

- Antonina graminis* (Homoptera)

Hosts and Insects—Continued

DIOSCOREA:

- Neotermes castaneus* (Isoptera)
Palaeopus costicollis (Coleoptera)
 "Targionia" hartii (Homoptera)

DIOSPYROS:

- Lepidosaphes conchiformis* (Homoptera)
L. kuwacola (Homoptera)
L. yanagicola (Homoptera)
Pseudococcus gahani (Homoptera)
Tenuipalpus japonicus (Acarina)

DRACAENA:

- Cephaloleia pretiosa* (Coleoptera)

ENCEPHALARTOS:

- Diaspis zamiae* (Homoptera)

ENTEROLOBIUM:

- Ectomyelois muriscis* (Lepidoptera)

EPIDENDRUM:

- Asterolecanium epidendri* (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Conchaspis orchidarum (Homoptera)
Pseudischnaspis alienus (Homoptera)
Puto mexicanus (Homoptera)
Vinsonia stellifera (Homoptera)

ERIOBOTRYA:

- Ceratitis capitata* (Diptera)
Lepidosaphes punicae (Homoptera)
Specularius erythrinae (Coleoptera)

EUGENIA:

- Dacus dorsalis* (Diptera)

FICUS:

- Azochis gripusalis* (Lepidoptera)
Ceratitis capitata (Diptera)
Ceroplastes rusci (Homoptera)
Drasterius bimaculatus (Coleoptera)
Ephestia calidella (Lepidoptera)
Homotoma ficus (Homoptera)
Lepidosaphes ficus (Homoptera)
Thrips major (Thysanoptera)

FOENICULUM:

- Anuraphis apiifoliae* (?) (Homoptera)

FRAGARIA:

- Cecilioides acicula* (Mollusca)
Euborellia plebeja (Dermaptera)
Rhyparochromus pini (Hemiptera)
Taphropeltus contractus (Hemiptera)
Tyrophagus oudemansi (Acarina)

FUCHSIA:

- Brevipalpus obovatus* (Acarina)

GARCINIA:

- Stephanitis typica* (Hemiptera)

GARDENIA:

- Coccus viridis* (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Pealius hibisci (Homoptera)
Protopulvinaria pyriformis (Homoptera)
Pseudaonidia clavigera (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

GENTIANA:

- Stenoptilia stigmatodactyla* (Lepidoptera)

GLADIOLUS:

- Euscelis plebejus* (Homoptera)
Frankliniella intonsa (Thysanoptera)
Monomorium destructor (Hymenoptera)
Taeniothrips atratus (Thysanoptera)
T. gracilis (Thysanoptera)
Thrips flavus (Thysanoptera)
T. imaginis (Thysanoptera)

GOSSYPIUM:

- Ceresium unicolor* (Coleoptera)
Pectinophora gossypiella (Lepidoptera)
Trogoderma granarium (Coleoptera)

HAKEA:

- Blissus diplopterus* (Hemiptera)

HAWORTHIA:

- Opogona sacchari* (Lepidoptera)

HEDYCHIUM:

- Pulvinaria psidii* (Homoptera)

HELICHRYSUM:

- Frankliniella intonsa* (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)

HELICONIA:

- Bradybaena similis* (Mollusca)
Eucalymnatus tessellatus (Homoptera)
Pentalonia nigronervosa (Homoptera)
Vinsonia stellifera (Homoptera)

HIBISCUS:

- Aceria hibisci* (Acarina)
Earias cupreoviridis (Lepidoptera)
Pectinophora gossypiella (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Pseudaonidia clavigera (Homoptera)

ILEX:

- Dialeurodes tristylis* (Homoptera)

IPOMOEA:

- Bradybaena similis* (Mollusca)
Cylas formicarius (Coleoptera)
C. formicarius elegantulus (Coleoptera)
C. formicarius formicarius (Coleoptera)
Euscepes porcellus (Coleoptera)
E. postfasciatus (Coleoptera)
Graptostethus manillensis (Hemiptera)
Megastes grandalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)

IXORA:

- Brevipalpus phoenicis* (Acarina)
Coccus viridis (Homoptera)
Pheidole megacephala (Hymenoptera)
Pseudaonidia trilobitiformis (Homoptera)

JASMINUM:

- Aonidiella comperei* (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Lecanium corni (Homoptera)
Parlatoria crypta (Homoptera)

JUGLANS:

- Ectomyelois ceratoniae* (Lepidoptera)
Solenopsis saevissima richteri (Hymenoptera)

JUNIPERUS:

- Acronicta rumicis* (Lepidoptera)
Diaspis minima (Homoptera)
Lepidosaphes newsteadi (Homoptera)
Pentamerismus oregonensis (Acarina)

KENTIA:

- Aspidiotus destructor* (Homoptera)
A. palmae (Homoptera)
Furcaspis haematochroa (Homoptera)

LABURNUM:

- Sparteus villosus* (Coleoptera)

LACTUCA:

- Athalia colibri* (Hymenoptera)
Conotelus mexicanus (Coleoptera)
Dicyphus annulatus (Hemiptera)
Haplothrips clarisetis (?) (Thysanoptera)
Helicella maritima (Mollusca)
H. variabilis (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Limax marginatus (Mollusca)
Macrosiphum formosanum (Homoptera)
Monacha cantiana (Mollusca)
Nysius huttoni (Hemiptera)
Otala lactea (Mollusca)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Theba pisana (Mollusca)
Thrips angusticeps (Thysanoptera)

LAELIA:

- Puto ulter* (Homoptera)

LANSIUM:

- Pheidole megacephala* (Hymenoptera)

LATHYRUS:

- Acanthothrips coriaceus* (Thysanoptera)
Bruchus affinis (Coleoptera)
B. emarginatus (Coleoptera)
B. tristictus (Coleoptera)
B. tristis (Coleoptera)
Frankliniella intonsa (Thysanoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips atratus (Thysanoptera)
T. gracilis (Thysanoptera)

LAURUS:

- Gynaikothrips ficorum* (Thysanoptera)

LAVANDULA:

- Taeniothrips atratus* (Thysanoptera)

LENS:

- Bruchus ervi* (Coleoptera)
B. lentis (Coleoptera)
B. signaticornis (Coleoptera)
Callosobruchus rhodesianus (Coleoptera)

LEUCADENDRON:

- Parlatoria pittospori* (Homoptera)

Hosts and Insects—Continued

- LEUCAENA:**
Sator pruininus (Coleoptera)
LILIUM:
Frankliniella lilivora (Thysanoptera)
LIPPIA:
Brevipalpus obovatus (Acarina)
Frankliniella paucispinosa (Thysanoptera)
LITCHI:
Coccus viridis (Homoptera)
Cryptophlebia illepidia (Lepidoptera)
C. ombrodella (Lepidoptera)
Dacus dorsalis (Diptera)
Pulvinaria psidii (Homoptera)
LUPINUS:
Bruchus tristis (Coleoptera)
LYCASTE:
Vinsonia stellifera (Homoptera)
LYCOPERSICON:
Dacus cucurbitae (Diptera)
Neoleucinodes elegantalis (Lepidoptera)
Pachybrachius albocinctus (Hemiptera)
LYCORIS:
Taeniothrips gracilis (Thysanoptera)
MACADAMIA:
Aspidiotus herculeanus (Homoptera)
Cryptophlebia illepidia (Lepidoptera)
MALUS:
Adoxophyes orana (Lepidoptera)
Argyresthia conjugella (Lepidoptera)
Carpocapsa niponensis (Lepidoptera)
Ceratitis capitata (Diptera)
Epidiaspis piricola (Homoptera)
Grapholitha janthiana (?) (Lepidoptera)
Psylla mali (Homoptera)
Tetranychus viennensis (Acarina)
MANGIFERA:
Anastrepha ludens (Diptera)
A. mombinpraeoptans (Diptera)
Aonidiella inornata (Homoptera)
Aulacaspis tubercularis (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Dacus dorsalis (Diptera)
Heterotermes converinotatus (Isoptera)
Phenacaspis cockerelli (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Sternochetus mangiferae (Coleoptera)
MANIHOT:
Phyllophaga analis (Coleoptera)
Trogoderma granarium (Coleoptera)
MEDICAGO:
Conotelus mexicanus (Coleoptera)
MENTHA:
Brevipalpus obovatus (Acarina)
Phorodon menthae (Homoptera)
METROSIDEROS:
Siphanta acuta (Homoptera)
MURRAYA:
Aulacaspis crawii (Homoptera)
MUSA:
Automolis atania (Lepidoptera)
Ceramidia viridis (Lepidoptera)
Ceratitis capitata (?) (Diptera)
Cosmopolites sordidus (Coleoptera)
Dacus dorsalis (Diptera)
Epilachna borealis var. (Coleoptera)
Euglandina striata (Mollusca)
Metamasius hemipterus sericeus (Coleoptera)
Pheidole megacephala (Hymenoptera)
Platoeceticus symmicta (Lepidoptera)
Polytus mellerborgi (Coleoptera)
Porphyrobaphe iostoma (Mollusca)
Solaropsis monile (Mollusca)
NARCISSUS:
Steneotarsonemus laticeps (Acarina)
Taeniothrips gracilis (Thysanoptera)
NECTANDRA:
Platypus rugulosus (Coleoptera)
NEPHELIUM:
Dichocrocis punctiferalis (Lepidoptera)
NEPHROLEPIS:
Tyrophagus tropicus (Acarina)
NERINE:
Frankliniella schultzei (Thysanoptera)
- NERIUM:**
Aspidiotus destructor (Homoptera)
Conotelus mexicanus (Coleoptera)
Cryptoblabes gnidiella (Lepidoptera)
NOLINA:
Lepidosaphes philococcus (Homoptera)
OCHROSIA:
Dacus dorsalis (Diptera)
ODONTOGLOSSUM:
Puto ulter (Homoptera)
OLEA:
Dacus oleae (Diptera)
Prays oleellus (Lepidoptera)
ONCIDIUM:
Pseudischneaspis alienus (Homoptera)
Puto ulter (Homoptera)
Tenthecoris vestitus (Hemiptera)
Vinsonia stellifera (Homoptera)
OPHIPOGON:
Pinnaspis caricis (Homoptera)
OPUNTIA:
Ceratitis capitata (Diptera)
ORCHID:
Andrector salvini (Coleoptera)
Aspidiotus mendax (Homoptera)
A. palmae (Homoptera)
Asterolecanium epidendri (Homoptera)
Bradybaena similis (Mollusca)
Ceciloides acicula (Mollusca)
Chrysogramma octomaculata (Coleoptera)
Chrysomphalus opimus (tentative) (Homoptera)
C. umboniferus (Homoptera)
Cocconotus degeeri (Orthoptera)
Corimelaena palmeri (Hemiptera)
Deloyala guttata (Coleoptera)
Diorymerellus laevimargo (Coleoptera)
Doru albipes (Dermaptera)
Dysdercus andreae (Hemiptera)
Eobia bicolor (Hemiptera)
Eurytoma orchidearum (Hymenoptera)
Farinococcus guatemalensis (Homoptera)
Helix aspersa (Mollusca)
Insara tolteca (Orthoptera)
Iridomyrmex iniquus (Hymenoptera)
Lepidosaphes tuberculata (Homoptera)
Lincus rufospilotus (Coleoptera)
Mecolaemus carvalhoi (Hemiptera)
Microcerotermes exiguus (Isoptera)
Mormidea inermis (Hemiptera)
Myodocho longicollis (Hemiptera)
Nasutitermes corniger (Isoptera)
N. ephratae (Isoptera)
N. nigriceps (Isoptera)
Onychaspidium apicale (Diptera)
Orchidophilus aterrimus (Coleoptera)
Orychilus alliarius (Mollusca)
Pheidole megacephala (Hymenoptera)
Polyancistrus serrulatus (Orthoptera)
Pseudischneaspis alienus (Homoptera)
Puto ulter (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Sparedrus depressus (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Tenthecoris bicolor (Hemiptera)
T. confusus (Hemiptera)
T. distinctus (Hemiptera)
Valtissius diversus (Hemiptera)
Vinsonia stellifera (Homoptera)
Xylobiops parilis (Coleoptera)
ORNITHOGALUM:
Diaphone eumela (Lepidoptera)
Epichorista ione phela (Lepidoptera)
Opogona sacchari (Lepidoptera)
ORYZA:
Calameuta idolon (Hymenoptera)
Chilo suppressalis (Lepidoptera)
Sesamia inferens (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Trogoderma granarium (Coleoptera)
OSMANTHUS:
Aleurotuberculatus aucubae (Homoptera)
PAEONIA:
Callidium rufipenne (Coleoptera)
Thrips flavus (Thysanoptera)
PALAQUIUM:
Trogoderma granarium (Coleoptera)

Hosts and Insects—Continued

PALM:

- Aspidiotus destructor* (Homoptera)
- Asterolecanium simile* (Homoptera)
- Chrysomphalus sphaerioides* (Homoptera)
- Coccotrypes carpophagus* (Coleoptera)
- Pinnaspis buxi* (Homoptera)

PANDANUS:

- Aspidiotus destructor* (Homoptera)
- Pseudococcus giffardi* (Homoptera)

PELARGONIUM:

- Coccus viridis* (Homoptera)
- Corythucha mcelfreshi* (Hemiptera)

PERISTERIA:

- Asterolecanium epidendri* (Homoptera)

PERSEA:

- Chrysomphalus albopictus* (Homoptera)
- C. personatus* (Homoptera)
- Lamellaxis gracilis* (Mollusca)
- Pseudacysta perseae* (Hemiptera)
- Stenoma catenifer* (Lepidoptera)
- Subulina octona* (Mollusca)

PETROSELINUM:

- Anuraphis apiifoliae* (?) (Homoptera)
- Mamestra brassicae* (Lepidoptera)

PHAEOMERIA:

- Pentalonia nigronervosa* (Homoptera)
- Siphanta acuta* (Homoptera)

PHALAENOPSIS:

- Tenuipalpus pacificus* (Acarina)

PHASEOLUS:

- Acanthoscelides obreptus* (Coleoptera)
- Ancylostomia stercorea* (Lepidoptera)
- Callosobruchus rhodesianus* (Coleoptera)
- Everes comyntas* (Lepidoptera)
- Forficula pubescens* (Dermaptera)
- Hedylepta indicata* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)
- Matsumuraeses phaseoli* (Lepidoptera)
- Ostrinia nubilalis* (Lepidoptera)
- Trogoderma granarium* (Coleoptera)

PHILODENDRON:

- Chrysomphalus tenax* (Homoptera)
- Pinnaspis buxi* (Homoptera)

PHRAGMITES:

- Brevipalpus chilensis* (Acarina)
- Dasyneura inclusa* (Diptera)
- Nipponaclerda biwakoensis* (Homoptera)

PICEA:

- Laspeyresia strobilella* (Lepidoptera)

PINUS:

- Callidium rufipenne* (Coleoptera)
- Coptotermes crassus* (Isoptera)
- Dichocrocis punctiferalis* (Lepidoptera)
- Euborellia plebeja* (Dermaptera)
- Heterotermes convexinotatus* (Isoptera)
- Laspeyresia strobilella* (Lepidoptera)
- Lepidosaphes pini* (Homoptera)
- Leucaspis lowi* (Homoptera)
- L. pusilla* (Homoptera)
- Matsucoccus matsumurae* (Homoptera)
- Plagionotus arcuatus* (Coleoptera)
- Pseudococcus pini* (Homoptera)

PINUS (?):

- Ips typographus* (Coleoptera)

PIPER:

- Protopulvinaria longivalvata* (Homoptera)

PISTACIA:

- Chrysomphalus inopinatus* (Homoptera)
- Trogoderma granarium* (Coleoptera)

PISUM:

- Ancylostomia stercorea* (Lepidoptera)
- Bruchus ervi* (Coleoptera)
- B. tristis* (Coleoptera)
- Forficula decipiens* (Dermaptera)
- Laspeyresia nigricana* (Lepidoptera)
- Trogoderma granarium* (Coleoptera)

PITHECELLOBIUM:

- Cryptophlebia ombrodelta* (Lepidoptera)
- Dacus dorsalis* (Diptera)
- Stator limbatus* (Coleoptera)

PLATANUS:

- Aspidiotus pyri* (Homoptera)

PLUCHEA:

- Aceria plucheae* (Acarina)

PLUMERIA:

- Conotelus mexicanus* (Coleoptera)
- Dialeurodes kirkaldyi* (Homoptera)
- Eobia bicolor* (Coleoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Pheidole megacephala* (Hymenoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

POLIANTHES:

- Taeniothrips hawaiiensis* (Thysanoptera)

POPULUS:

- Pemphigus populiramulorum* (Homoptera)

PORTULACA:

- Conotelus mexicanus* (Coleoptera)
- Loxostege bifidalis* (Lepidoptera)
- Nysius raphanus* (Hemiptera)

PROTEA:

- "*Chionaspis*" *leucadendri* (Homoptera)
- Mesochelidura peringueyi* (Dermaptera)
- Pseudococcus gahani* (Homoptera)

PRUNUS AMYGDALUS:

- Ectomyelois ceratoniae* (Lepidoptera)

PRUNUS ARMENIACA:

- Ceratitis capitata* (Diptera)

PRUNUS DOMESTICA:

- Geniocremanis chilensis* (Coleoptera)
- Lecanium persicae* (Homoptera)
- Micrapate scabrata* (Coleoptera)

PRUNUS PERSICA:

- Adoxophyes orana* (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Pheidole megacephala* (Hymenoptera)

PRUNUS PERSICA VAR. NECTARINA:

- Limothrips angulicornis* (Thysanoptera)

PRUNUS SPINOSA:

- Rhynchites auratus* (Coleoptera)

PRUNUS SP. (cherry):

- Ceratitis capitata* (Diptera)
- Rhagoletis cerasi* (Diptera)

PRUNUS SP.:

- Lecanium corni* (Homoptera)
- Nilotaspis halli* (Homoptera)

PSIDIUM:

- Aleuroglandulus emmae* (Homoptera)
- Anastrepha suspensa* (Diptera)
- Ceratitis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Dacus dorsalis* (?) (Diptera)
- Pseudococcus lilacinus* (Homoptera)

PUERARIA:

- Callosobruchus ademptus* (Coleoptera)

PUNICA:

- Anastrepha ludens* (Diptera)
- Cacaecimorpha pronubana* (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Eurydema ornatum* (Hemiptera)

PYRUS:

- Ceratitis capitata* (Diptera)
- Monomorium destructor* (Hymenoptera)

QUERCUS:

- Aspidiotus zonatus* (Homoptera)

RAPHANUS:

- Phytomyza rufipes* (Diptera)

RHODODENDRON:

- Brevipalpus obovatus* (Acarina)
- Dialeurodes chittendeni* (Homoptera)
- Lepidosaphes tubulorum* (Homoptera)
- Pseudococcus azaleae* (Homoptera)
- Stephanitis pyrioides* (Hemiptera)

RIBES:

- Ephestia calidella* (Lepidoptera)

ROSA:

- Adoxophyes orana* (Lepidoptera)
- Ardis sulcata* (Hymenoptera)
- Aspidiotus destructor* (Homoptera)
- Centrotus cornutus* (Homoptera)
- Cladius pectinicornis* (Hymenoptera)
- Endelomyia aethiops* (Hymenoptera)
- Frankliniella intonsa* (Thysanoptera)
- Lecanium corni* (Homoptera)
- Myzaphis bucktoni* (?) (Homoptera)
- Taeniothrips atratus* (Thysanoptera)
- T. ericae* (Thysanoptera)

Hosts and Insects—Continued

ROSA—Continued

- T. hawaiiensis* (Thysanoptera)
- Tetranychus cinnabarinus* (Acarina)
- Thrips flavus* (Thysanoptera)
- T. major* (Thysanoptera)

ROSACEAE:

- Rhagoletis alternata* (?) (Diptera)

RUBUS:

- Asterobemisia carpini* (Homoptera)

RUTA:

- Brevipalpus obovatus* (Acarina)

SACCHARUM:

- Chilo loftini* (Lepidoptera)
- Pheidole megacephala* (Hymenoptera)
- Pseudococcus boninsis* (Homoptera)
- Targionia glomerata* (Homoptera)
- "*Targionia*" *sacchari* (Homoptera)
- Trionymus sacchari* (Homoptera)

SALIX:

- Leptidea brevipennis* (Coleoptera)

SALVIA:

- Eurytoma infracta* (Hymenoptera)

SAMANEA:

- Cryptophlebia ombrodelta* (Lepidoptera)
- Pheidole megacephala* (Hymenoptera)
- Stator limbatus* (Coleoptera)

SCHINUS:

- Coccus viridis* (Homoptera)

SCHOMBURGKIA:

- Chrysomphalus umboniferus* (Homoptera)
- Nasutitermes ephratae* (Isoptera)
- N. nigriceps* (Isoptera)
- Termes hispaniolae* (Isoptera)

SCINDAPSUS:

- Pinnaspis buxi* (Homoptera)

SECALE:

- Suidasia medanensis* (Acarina)
- Trogoderma granarium* (Coleoptera)

SECHIUM:

- Cacaecimorpha pronubana* (Lepidoptera)

SESAMUM:

- Phricodus hystrix* (Hemiptera)

SESBANIA:

- Dacus dorsalis* (?) (Diptera)
- Maruca testulalis* (Lepidoptera)

SIDEROXYLON:

- Anastrepha serpentina* (Diptera)

SOIL:

- Bradybaena similis* (Mollusca)
- Cecilioides acicula* (Mollusca)
- Cochlicella barbara* (Mollusca)
- Eremocoris plebejus* (Hemiptera)
- Forficula pubescens* (Dermaptera)
- Helicella striata* (Mollusca)
- H. variabilis* (Mollusca)
- Lamellaxis gracilis* (Mollusca)
- Oulema melanopa* (Coleoptera)
- Pheidole megacephala* (Hymenoptera)
- Rumina decollata* (Mollusca)
- Thrips flavus* (Thysanoptera)

SOLANUM ACULEATISSIMUM:

- Ceratitis capitata* (Diptera)

SOLANUM MELONGENA:

- Neoleucinodes elegantalis* (Lepidoptera)
- Udea ferrugalis* (Lepidoptera)

SOLANUM QUITOENSE:

- Neoleucinodes elegantalis* (Lepidoptera)

SORGHUM:

- Ostrinia nubilalis* (Lepidoptera)
- Sesamia cretica* (Lepidoptera)

SPONDIAS:

- Anastrepha mombinpraeoptans* (Diptera)
- Chrysomphalus calurus* (Homoptera)

STIPA:

- Macroplox fasciata* (Hemiptera)

STRELITZIA:

- Diaspis zamiae* (Homoptera)
- Pentalonia nigronervosa* (Homoptera)

STRONGYLODON:

- Taeniothrips hawaiiensis* (Thysanoptera)

STRONGYLODON (?):

- Maruca testulalis* (Lepidoptera)

SWIETENIA:

- Trogoxylon prostomoides* (Coleoptera)

SYRINGA:

- Sitona lineata* (Coleoptera)

TAMARINDUS:

- Caryedon gonagra* (Coleoptera)
- Cryptophlebia ombrodelta* (Lepidoptera)
- Ectomyelois ceratoniae* (Lepidoptera)

TECOMARIA:

- Brevipalpus phoenicis* (Acarina)

TERMINALIA:

- Anastrepha mombinpraeoptans* (Diptera)
- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (Diptera)
- Trogoderma granarium* (Coleoptera)

TILLANDSIA:

- Exptochiomera oblonga* (Hemiptera)
- Leptodictya sinaloana* (Hemiptera)
- Podisus lineolatus* (Hemiptera)
- Ptilia versicolor* (Hymenoptera)

TRICHOPILIA:

- Puto mericanus* (Homoptera)

TRIGONIDIUM:

- Vinsonia stellifera* (Homoptera)

TRITICUM:

- Trogoderma granarium* (Coleoptera)

TROPAEOLUM:

- Cepaea hortensis* (?) (Mollusca)
- Helicella ericetorum* (Mollusca)

TSUGA:

- Lamellaxis gracilis* (Mollusca)

VACCINIUM:

- Aspidiotus degeneratus* (Homoptera)

VANDA:

- Bradybaena similis* (Mollusca)
- Conotelus mexicanus* (Coleoptera)
- Orchidophilus aterrimus* (Coleoptera)

VANDOPSIS:

- Tenuipalpus pacificus* (Acarina)

VICIA:

- Bruchus guttalis* (Coleoptera)
- B. tristis* (Coleoptera)
- Callosobruchus analis* (Coleoptera)
- Epinotia aporema* (Lepidoptera)
- Lampides boeticus* (Lepidoptera)

VIGNA:

- Callosobruchus rhodesianus* (Coleoptera)

VIOLA:

- Coptotermes niger* (Isoptera)

VITIS:

- Aclerda fraterna* (Coleoptera)
- Brevipalpus chilensis* (Acarina)
- Ceratitis capitata* (Diptera)
- Conoderus rufangulus* (Coleoptera)
- Leptoglossus chilensis* (Hemiptera)
- Lobesia botrana* (Lepidoptera)
- Naupactus xanthographus* (Coleoptera)
- Nezara viridula* (Hemiptera)
- Phlyctinus callosus* (Coleoptera)
- Targionia vitis* (Homoptera)
- Xiphistes furcicornis* (Homoptera)

VRIESIA:

- Chrysomphalus personatus* (Homoptera)

WISTERIA:

- Chionaspis wistariae* (Homoptera)

YUCCA:

- Leptopharsa usingeri* (Hemiptera)

ZANTEDESCHIA:

- Paraputo taraktogeni* (Homoptera)

ZEA:

- Moodna bisinuella* (Lepidoptera)
- Nysius raphanus* (Hemiptera)
- Pagiocerus fiorii* (Coleoptera)
- Sesamia nonagrioides* (Lepidoptera)
- Zeadiatraea lineolata* (Lepidoptera)

ZINGIBER:

- Pentalonia nigronervosa* (Homoptera)
- Pulvinaria urbicola* (?) (Homoptera)
- "*Targionia*" *hartii* (Homoptera)
- Trogoderma granarium* (Coleoptera)

ZINNIA:

- Chirothrips meridionalis* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)

ZIZYPHUS:

- Ceratitis capitata* (Diptera)

Hosts Unknown

AIRPLANE:

Acanthoderes circumflexa (Coleoptera)
Aethus indicus (Hemiptera)
Alloxaxis spinosus (Coleoptera)
Anastrepha suspensa (Diptera)
Ancognatha scarabaeoides (Coleoptera)
Callipogon armillatum (Coleoptera)
Cassida circumdata (Coleoptera)
Ceratitis capitata (Diptera)
Clanis phalaris (Lepidoptera)
Engonus subcylindricus (Coleoptera)
Eobia bicolor (Coleoptera)
Euconocephalus platynotum (Orthoptera)
Exitianus obscurinervis (Homoptera)
Gynaikothrips ficorum (Thysanoptera)
Hemiargus hanno (Lepidoptera)
Leptocorixa varicornis (Hemiptera)
Listronotus palustris (Coleoptera)
Melolontha melolontha (Coleoptera)
Metopoplax ditomoides (Hemiptera)
Mimosestes sallaei (Coleoptera)
Nasutitermes nigricaps (Isoptera)
Nephotettix apicalis (Homoptera)
Nysius delectulus (Hemiptera)
N. tenellus (Hemiptera)
Oenopiella unidentata (Hemiptera)
Orphulella punctata (Orthoptera)
Otosema odorata (Lepidoptera)
Oxycopsis vittata (Coleoptera)
Paroxaxis antillarum (Coleoptera)
Pelopidas mathias oberthuri (Lepidoptera)
Phaneroptera furcifera (Orthoptera)
Phurys immunis (Lepidoptera)
Popillia lewisi (Coleoptera)
Rehimena phrynealis (Lepidoptera)
Sardia pluto (Homoptera)
Schoenobius incertulas (Lepidoptera)
Sessinia livida (Coleoptera)
Sinoxylon conigerum (Coleoptera)
Stromatium longicorne (Coleoptera)
Synyrias diffundens (Lepidoptera)
Thaumatomyia notata flavifrons (Diptera)
Xylomeira torquata (Coleoptera)
Xylopsocus castanoptera (Coleoptera)

AUTOMOBILE:

Bradysia carbonaria (Diptera)
Iphiclides protesilaus (Lepidoptera)
Onthophagus taurus (Coleoptera)

BAGGAGE:

Achatina fulica (Mollusca)
Ascia monuste (Lepidoptera)
Callidium rufipenne (Coleoptera)
Dacus oleae (Diptera)
Elimaea punctifera (Orthoptera)
Eobia bicolor (Coleoptera)
Geotomus pygmaeus (Hemiptera)
Helix aspersa (Mollusca)
H. pomatia (Mollusca)
Homoeogryllus japonicus (Orthoptera)
Jadera haematoloma (Hemiptera)
Lyctus linearis (Coleoptera)
Oxaxis xerensis (Coleoptera)
Patanga japonica (Orthoptera)
Philaspis bivulnerata (Coleoptera)
Sybra alternans (Coleoptera)
Tropidacris latreillei (Orthoptera)

BAGGING:

Sitona hispidula (Coleoptera)
Trogoderma granarium (Coleoptera)

CARDBOARD:

Heterotermes convexinotatus (Isoptera)

CARGO:

Dysdercus bidentatus (Hemiptera)
D. mimus (Hemiptera)
D. ruficollis (Hemiptera)
Maruca testulalis (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)

CONIFER:

Pityogenes chalcographus (Coleoptera)

DEBRIS:

Pheidole megacephala (Hymenoptera)
Sitona hispidula (Coleoptera)
Trogoderma granarium (Coleoptera)
Xylobiops sextuberculatus (Coleoptera)

FERN:

Pentalonia nigronervosa (Homoptera)

FLOWERS:

Achaea janata (Lepidoptera)
Anuraphis cardui (Homoptera)
Bradybaena similis (Mollusca)
Cryptotermes brevis (Isoptera)
Eobia bicolor (Coleoptera)
Exitianus obscurinervis (Homoptera)
Forficula senegalensis (Dermaptera)
Frankliniella intonsa (Thysanoptera)
Haplothrips cottei (Thysanoptera)
H. gowdeyi (Thysanoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips atratus (Thysanoptera)
T. dianthi (Thysanoptera)
T. hawaiiensis (Thysanoptera)
Thrips flavus (Thysanoptera)
T. imaginis (Thysanoptera)
T. major (Thysanoptera)

FOOD:

Pheidole megacephala (Hymenoptera)
Trogoderma granarium (Coleoptera)

FRUIT—UNIDENTIFIED:

Diaspis zamiae (Homoptera)
Monomorium destructor (Hymenoptera)

GRASS:

Monomorium destructor (Hymenoptera)

GUM:

Lyctus linearis (Coleoptera)
Trogoderma granarium (Coleoptera)

HERBS:

Monomorium destructor (Hymenoptera)
Sterrha inquinata (Lepidoptera)

KARAYA GUM:

Trogoderma granarium (Coleoptera)

LEAF—UNIDENTIFIED:

Protopulvinaria longivalvata (Homoptera)
Sitona lineata (Coleoptera)
Toxoptera citricidus (Homoptera)

LEGUME:

Mimosestes sallaei (Coleoptera)
Stator limbatus (Coleoptera)

LOG:

Opogona sacchari (Lepidoptera)

MAIL:

Achatina fulica (Mollusca)
Cryptotermes brevis (Isoptera)
Dacus dorsalis (Diptera)
Eobia bicolor (Coleoptera)
Kaloterms immigrans (Isoptera)
Monomorium destructor (Hymenoptera)
Pheidole megacephala (Hymenoptera)
Sinoxylon conigerum (Coleoptera)

MILITARY CARGO:

Cochlicella barbara (Mollusca)
C. conoidea (Mollusca)
C. ventrosa (Mollusca)
Cryptothela minuscula (Lepidoptera)
Helicella caperata (Mollusca)
H. conspurcata (Mollusca)
H. derbentina (Mollusca)
H. itala (Mollusca)
H. maritima (Mollusca)
H. neglecta (Mollusca)
H. pyramidata (Mollusca)
H. striata (Mollusca)
H. variabilis (Mollusca)
Helix aspersa (Mollusca)
Monacha cantiana (Mollusca)
M. carthusiana (Mollusca)
Nezara viridula (Hemiptera)
Ostrinia nubilalis (Lepidoptera)
Otala lactea (Mollusca)
O. vermiculata (Mollusca)
Orychilus draparnaldi (Mollusca)
Pieris brassicae (Lepidoptera)
Rhaphogaster nebulosa (Coleoptera)
Theba pisana (Mollusca)

MOLLUSK:

Theba pisana (Mollusca)

PACKING:

Callidium rufipenne (Coleoptera)

PLANTS—UNIDENTIFIED:

Ceutorhynchus erysimi (Coleoptera)
Oulema melanopa (Coleoptera)
Haplothrips aculeatus (Thysanoptera)
Limothrips denticornis (Thysanoptera)

*Hosts Unknown—Continued*PLANTS—UNIDENTIFIED—*Continued*

Lygus lucorum (Hemiptera)
Monacha cantiana (Mollusca)
Morganella longispina (Homoptera)
Nysius raphanus (Hemiptera)
Pheidole megacephala (Hymenoptera)
Sitona lineata (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
Veronicella moreleti (?) (Mollusca)

PLANT MATERIAL:

Diploptera punctata (Orthoptera)

QUARTERS:

Augocoris illustris (Hemiptera)
Lobesia botrana (?) (Lepidoptera)
Monomorium destructor (Hymenoptera)
Phoebolampta excellens (Orthoptera)
Porphyrobaphe iostoma (Mollusca)
Syneda confirmans (Lepidoptera)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)
Tropidacris latreillei (Orthoptera)

RAILWAY CAR:

Tenuirostritermes cinereus (Isoptera)

SEED:

Caryedon gonagra (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
Megacerus alternatus (Coleoptera)
Mimosestes sallaei (Coleoptera)
Puto barberi (Homoptera)

STONE:

Achatina fulica (Mollusca)

STORES:

Callosobruchus analis (Coleoptera)
Helicella maritima (Mollusca)
Helix aspersa (Mollusca)
H. pomatia (Mollusca)
Myzus ascalonicus (Homoptera)
Systole albipennis (Hymenoptera)
Trogoderma granarium (Coleoptera)

STRAW:

Bruchus guttalis (Coleoptera)
Zetha chavesi (Orthoptera)

WATERLILY:

Pheidole megacephala (Hymenoptera)

WOOD:

~ *Anoplotermes ater* (Isoptera)
 ~ *Bostrychoplites cornutus* (Coleoptera)
 ~ *Brevipalpus phoenicis* (Acarina)
 ~ *Callidium violaceum* (Coleoptera)
 ~ *Heterobostrychus aequalis* (Coleoptera)
 ~ *Lyctus africanus* (Coleoptera)
 ~ *L. brunneus* (Coleoptera)
 ~ *Micrapate labialis* (Coleoptera)
 ~ *Minthea rugicollis* (Coleoptera)
 ~ *Molorchus minor* (Coleoptera)
 ~ *Nasutitermes corniger* (Isoptera)
 ~ *N. costalis* (Isoptera)
 ~ *Procryptotermes hubbardi* (Isoptera)
 ~ *Reticulitermes speratus* (Isoptera)
 ~ *Sinoxylon anale* (Coleoptera)
 ~ *S. conigerum* (Coleoptera)
 ~ *S. ruficorne* (Coleoptera)
 ~ *Taeniothrips vitticornis* (Thysanoptera)
 ~ *Tetrapriocera longicornis* (Coleoptera)
 ~ *Trogoxylon aequale* (Coleoptera)

Countries of Origin and Insects

- AFRICA (country(?)):
Ectomyelois ceratoniae
Opogona sacchari
- ALGERIA:
Parlatoria zizyphus
- AMERICAN SAMOA:
Aceria hibisci
Aspidiotus pangoensis
Lyctus brunneus
- AMERICAN VIRGIN ISLANDS:
Anastrepha mombinpraeoptans
Vinsonia stellifera
- ANGOLA:
Sinoxylon ruficorne
- ANGUILLA:
 "Targionia" hartii
- ANTIGUA:
Alloracis spinosus
Vinsonia stellifera
- ARGENTINA:
Aceria tulipae
Aonidiella citrina
Brevipalpus obovatus
B. phoenicis
Ceratitis capitata
Frankliniella paucispinosa
Lorryia formosa
Parlatoria cinerea
Pseudaonidia trilobitiformis
Tetranychus cinnabarinus
- ARGENTINA (?):
Oenopiella unidentata
- AUSTRALIA:
Aonidiella citrina
Aspidiotus herculeanus
Diaspis zalmiae
Epilachna 28-punctata
Lepidosaphes tuberculata
Pseudococcus boninsis
Taeniothrips hawaiiensis
Thrips imaginis
Thysanococcus chinensis
- AUSTRALIA (?):
Parlatoria cinerea
- AUSTRIA:
Grapholitha janthiana (?)
Leucaspis lowi
- AUSTRIA (?):
Dacus oleae
- AZORES:
Bruchus tristiculus
Ceratitis capitata
Cochlicella ventrosa
Eriococcus araucariae
Helicella conspurcata
Limar marginatus
Pieris brassicae
Thrips major
Zetha chavesi
- BAHAMAS:
Ancylostomia stercorea
Aspidiotus destructor
Pheidole megacephala
Phytomyza atricornis
Pseudococcus boninsis
Syneda confirmans
Vinsonia stellifera
- BARBADOS:
Coccus viridis
 "Targionia" sacchari
Trionymus sacchari
- BELGIUM:
Bruchus tristiculus
Helix aspersa
Lecanium coryli
Phytomyza rufipes
Pityogenes chalcographus
- BERMUDA:
Anuraphis apiifoliae (?)
Bradybaena similaris
Cochlicella ventrosa
Conotelus mexicanus
Cryptoblabes gnidiella
Eriococcus araucariae
Haplothrips gowdeyi
- Morganella longispina*
Pheidole megacephala
Taeniothrips gracilis
- BRAZIL:
Amitermes foreli
Asterolecanium epidendri
Azochis gripusalis
Brevipalpus phoenicis
Ceratitis capitata
Chrysomphalus personatus
C. umboniferus
Coccotrypes carpophagus
Coccus alpinus
C. viridis
Coptotermes niger
C. testaceus
Euscepes postfasciatus
Heterotermes conrexinotatus
Iridomyrmex leucomelas
Lyctus brunneus
Maruca testulalis
Megastes grandalis
Minthea rugicollis
Nasutitermes corniger
N. nigriceps
Neoleucinodes elegantalis
Parlatoria cinerea
Pectinophora gossypiella
Pheidole megacephala
Pseudaonidia trilobitiformis
Pseudoparlatoria ostreata
Stenomoma catenifer
Stephanoderes hampei
Subulitermes microsoma
Unaspis citri
- BRAZIL (?):
Cerconota anonella
- BRITISH GUIANA:
Asterolecanium epidendri
Microcerotermes exiguus
Paragonatas divergens
Platypus rugulosus
Vinsonia stellifera
- BRITISH HONDURAS:
Chrysomphalus umboniferus
Euscepes porcellus
Nasutitermes ephratae
N. nigriceps
Nudur fractivittarum
Pheidole megacephala
Pseudischnaspis alienus
Tenthecoris bicolor
T. confusus
Vinsonia stellifera
- BRITISH WEST AFRICA:
Earias cupreoviridis
- BRITISH WEST INDIES:
Ancylostomia stercorea
Nysius tenellus
- BULGARIA:
Ephestia calidella
Phorodon menthae
- BURMA:
Callosobruchus analis
- CAMEROUN:
Parlatoria zizyphus
- CANADA:
Taeniothrips atratus
- CANAL ZONE:
Andrector salvini
Ceciloides acicula
Chrysomphalus umboniferus
Cocconotus degeeri
Conchaspis orchidarum
Pentalonia nigronervosa
Pheidole megacephala
Pseudischnaspis alienus
Valtissius diversus
Vinsonia stellifera
- CANARY ISLANDS:
Dactylotrypes uyttenboogaarti
- CANTON ISLAND:
Sessinia livida
- CAPE VERDE ISLANDS:
Caryedon gonagra

Countries of Origin and Insects—Continued

CEYLON:

Taeniothrips hawaiiensis
Trogoderma granarium

CHILE:

Aclerda fraterna
Brevipalpus chilensis
Conoderus rufangulus
Geniocremanis chilensis
Iecanium persicae
Leptoglossus chilensis
Limothrips angulicornis
Micrapate scabrata
Naupactus xanthographus
Nezara viridula
Pseudococcus gahani

CHINA:

Palpifer sernotatus (?)
Parlatoria zizyphus
Trogoderma granarium

CHRISTMAS ISLAND:

Eobia bicolor
Pseudococcus cocotis
Sessinia livida

COLOMBIA:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Anoplotermes ater
Bephrata maculicollis
Brevipalpus phoenicis
Cerconota anonella
Chrysomphalus umboniferus
Cyrtomeneus bergi
Eurytoma orchidearum
Jadera haematoloma
Lincus rufospilotus
Nasutitermes corniger
Puto barberi
Stenoma catenifer

COSTA RICA:

Anastrepha mombinpraeoptans
Aspidiotus destructor
A. palmae
Asterolecanium epidendri
Auximobasis coffeaella
Ceratitis capitata
Chrysomphalus albopictus
Coptotermes niger
Corimelaena palmeri
Dysdercus minus
Eurytoma orchidearum
Metamasius hemipterus sericeus
Neolobophora ruficeps
Pseudischnaspis alienus
P. longissima
Veronicella moreleti (?)
Vinsonia stellifera

CUBA:

Anastrepha mombinpraeoptans
Aonidiella comperei
Ascia monuste
Aspidiotus destructor
Asterolecanium epidendri
Augocoris illustris
Coccus viridis
Cylas formicarius elegantulus
Dialeurodes citrifolii
Gnorimoschema gudmannella
Gynaikothrips ficorum
Hedylepta indicata
Heterobostrychus aequalis
Leucoptera coffeella
Pectinophora gossypiella
Pentalonia nigronervosa
Pheidole megacephala
Phyllophaga analis
Pinaspis buxi
Protopulvinaria pyriformis
Ribua innoxia
"Targionia" hartii
"Targionia" sacchari
Tetrapriocera longicornis
Trionymus sacchari
Unaspis citri
Vinsonia stellifera

CURACAO:

Caryedon gonagra

CYPRUS:

Ceratitis capitata
Dacus oleae

CZECHOSLOVAKIA:

Cecilioides acicula
Rhagoletis cerasi

DENMARK:

Frankliniella intonsa
Rhagoletis cerasi
Thrips flavus
T. major

DOMINICA:

Euborellia stali
Vinsonia stellifera

DOMINICAN REPUBLIC:

Aganactesis indecora
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Cylas formicarius elegantulus
Nasutitermes ephratae
Orphulella punctata
Pectinophora gossypiella
Phurys immunis
Polyancistrus serrulatus
Ribua innoxia
"Targionia" hartii
Vinsonia stellifera

ECUADOR:

Aceria tulipae
Ceramidia viridis
Dysdercus bidentatus
D. mimus
D. ruficollis
Epilachna borealis var.
Epinotia aporema
Euglandina striata
Metamasius hemipterus sericeus
Parlatoria cinerea
Pentalonia nigronervosa
Porphyrobaphe iostoma
Solaropsis monile
Stenoma catenifer
Vinsonia stellifera

EL SALVADOR:

Anastrepha mombinpraeoptans
Aulacaspis tubercularis
Chrysomphalus personatus
C. umboniferus
Eurytoma orchidearum
Stenoma catenifer
Tenthetcoris confusus

ENGLAND:

Cladius pectinicornis
Frankliniella intonsa
Laspeyresia strobilella
Lycetus africanus
Mamestra brassicae
Minthea rugicollis
Phorodon menthae
Phytomyza rufipes
Sinoxylon conigerum
Steneotarsonemus laticeps
Systole albipennis
Taeniothrips atratus
T. ericae
Thrips angusticeps
T. major
Trogoderma granarium

ETHIOPIA:

Odonaspis ruthae

FEDERATION OF MALAYA:

Dichocrocis punctiferalis
"Targionia" hartii
Trogoderma granarium

FEDERATION OF RHODESIA AND

NYASALAND:
Specularius erythrinae

FIJI:

Pheidole megacephala
"Targionia" hartii

FIJI (?):

Dacus dorsalis

Countries of Origin and Insects—Continued

FINLAND:

Eriophyes leionotus

FORMOSA:

*Chilo suppressalis**Parlatoria cinerea**P. zizyphus**Pinnaspis theae**Taeniothrips gracilis**Trogoderma granarium*

FRANCE:

*Acrolepia assectella**Asterobemisia carpini**Athalia colibri**Bemisia citricola**Bruchus emarginatus**B. signaticornis**Centrotus cornutus**Chrysomphalus personatus**Cladius pectinicornis**Cochlicella barbara**Diaspis zamiae**Epidiaspis piricola**Forficula senegalensis**Frankliniella intonsa**Helicella conspurcata**H. maritima**H. striata**H. variabilis**Helix aspersa**Lecanium corni**Mamestra brassicae**Melolontha melolontha**Monacha cantiana**Myzaphis bucktoni* (?)*Oxychilus draparnaldi**Periphyllus aceris**Phytomyza atricornis**Rhagoletis cerasi**Suidasia medanensis**Taphropeltus contractus**Theba pisana**Thrips flavus**T. major**Trogoderma granarium**Tyrophagus oudemansi*

FRANCE (?):

*Leptidea brevipennis**Megastigmus suspectus pinsapinis*

GAMBIA:

Parlatoria zizyphus

GERMANY:

*Aphis callunae**Arge ochropa**Asterolecanium epidendri**Bruchus lentis**Cladius pectinicornis**Dasyneura inclusa**Euleia heraclei**Frankliniella intonsa**Helix aperta**Laspeyresia splendana**L. strobilella**Mamestra brassicae**Monacha cantiana**Myzus ascalonicus**Oulema melanopa**Phytomyza rufipes**Pityogenes chalcographus**Rhagoletis cerasi**Rhyparochromus pini**Sitona hispidula**Taeniothrips atratus**T. dianthi**Tetranychus viennensis**Thrips flavus**T. major**Trogoderma granarium**Tyrophagus oudemansi*

GRAND CAYMAN:

*Dysdercus andreae**Pectinophora gossypiella**Termes hispaniolae*

GREECE:

*Aspidiotus pyri**Bruchus ervi**B. lentis**B. tristis**Calameuta idolon**Ceratitis capitata**Chrysomphalus inopinatus**Cryptoblabes gnidiella**Dacus oleae**Ectomyelois ceratoniae**Ephestia calidella**Haplothrips cotei**Helicella pyramidata**H. striata**Helix aperta**Leucaspis pusilla**Pieris brassicae**Rhagoletis cerasi**Stephanitis pyri**Trogoderma granarium*

GUAM:

*Achatina fulica**Dacus dorsalis**Phaneroptera furcifera**Sternochetus mangiferae*

GUAM (?):

Furcaspis oceanica

GUATEMALA:

*Anastrepha ludens**A. mombinpraeoptans**Aspidiotus mendax**A. palmae**Automolis ataenia**Chrysogramma octomaculata**Chrysomphalus umboniferus**Farinococcus guatemalensis**Gnorimoschema gudmannella**Iridomyrmex iniquus**Leucoptera coffeella**Platoceticus symmicta**Protopulvinaria longivalvata**Pseudischnaspis alienus**Puto ulter**Stenoma catenifer**Valtissius diversus*

HAITI:

*Aceria pluchae**Anastrepha mombinpraeoptans**Ancylostomia stercorea**Brevipalpus phoenicis**Bruchus guttalis**Ecpantheria icasia**Heterotermes cardini**H. convexinotatus**Leucoptera coffeella**Neoleucinodes elegantalis**Neotermes castaneus**Pectinophora gossypiella**Phoebolampta excellens**Trogoxylon prostomoides**Unaspis citri**Vinsonia stellifera*

HAWAII:

*Achaea janata**Achatina fulica**Adoretus sinicus**Antonina graminis**Aulacaspis crawii**Blastobasis inana**Bradybaena similis**Brevipalpus phoenicis**Caryedon gonagra**Ceratitis capitata**Ceresium unicolor**Ceroplastes rubens**Coccus viridis**Conotelus mexicanus**Cryptophlebia illepidata**C. ombrodelta**Cryptotermes brevis**Dacus cucurbitae**D. dorsalis**Dialeurodes kirkaldyi**Diocalandra taitensis**Diploptera punctata**Ectomyelois ceratoniae**Elimaea punctifera**Eobia bicolor*

Countries of Origin and Insects—Continued

HAWAII—Continued

Frankliniella sulphurea (?)
Geotomus pygmaeus
Graptostethus manillensis
Haplothrips gowdeyi
Kalotermea immigrans
Lampides boeticus
Lepidosaphes tokionis
Maruca testulalis
Megacerus alternatus
Mimosestes sallaei
Monomorium destructor
Morganella longispina
Neophyllaphis araucariae
Nysius delectulus
Orchidophilus aterrimus
Parlatoria crotonis
Pealius hibisci
Pectinophora gossypiella
Pentalonia nigronervosa
Perkinsiella saccharicida
Pheidole megacephala
Pinnaspis buxi
Praeacodes thecophora
Pseudaonidia clavigera
Pseudococcus giffardi
P. mali
P. palmarum
"Pseudoparlatoria" giffardi
Pulvinaria psidii
P. urbicola (?)
Selenothrips rubrocinctus
Sinoxylon conigerum
Siphanta acuta
Stator limbatus
S. pruvinus
Sternochetus mangiferae
Sybra alternans
Taeniothrips hawaiiensis
T. vitticornis
Tetranychus neocalidonicus
Toxoptera citricidus
Trionymus sacchari
Tyrophagus tropicus
Xiphidiopsis lita

HONDURAS:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Aulacaspis tubercularis
Coptotermes crassus
Dysdercus mimus
D. suterellus (?)
Heterotermes convexinotatus
Nasutitermes corniger
Pheidole megacephala
Pseudischnaspis alienus
Stenoma catenifer
Vinsonia stellifera
Zeadiatraea lineolata

HONG KONG:

Cylas formicarius
C. formicarius elegantulus
C. formicarius formicarius
Parlatoria zizyphus
Pectinophora gossypiella
Trogoderma granarium

HUNGARY:

Frankliniella intonsa
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi
Thrips flavus

INDIA:

Callosobruchus analis
Dinoderus brevis
Heterobostrychus aequalis
Lyctus africanus
L. linearis
Minthea rugicollis
Monomorium destructor
Paraputo taraktogeni
Parlatoria cinerea
P. crypta
Pectinophora gossypiella
Sinoxylon anale
S. conigerum

Sternochetus mangiferae
Targionia glomerata
Trogoderma granarium

INDONESIA:

Aspidiotus destructor
Monomorium destructor

IRAN:

Aceria macrorhynchus
Bruchus ervi
Ceratitis capitata
Nilotaspis halli

IRAQ:

Trogoderma granarium

IRELAND:

Bradysia carbonaria
Steneotarsonemus laticeps
Thrips flavus

ISRAEL:

Aonidiella citrina
Ceratitis capitata
Chirothrips meridionalis
Chrysomphalus inopinatus
Cryptoblabes gnidiella
Ectomyeloides ceratoniae
Eurydema ornatum
Haplothrips gowdeyi
Parlatoria zizyphus
Prodenia litura

ISRAEL (?):

Rhagoletis cerasi

ITALY:

Acrolepia assectella
Anuraphis apiifoliae (?)
A. cardui
Apion carduorum
Ardis sulcata
Bruchus ervi
B. lentis
B. signaticornis
B. tristis
Cacaecimorpha pronubana
Ceratitis capitata
Cero-plastes rusci
Cochlicella barbara
C. ventrosa
Cryptoblabes gnidiella
Dacus oleae
Diaspis minima
D. zamiae
Dicyphus annulatus
Drasterius bimaculatus
Dyspesta ulula
Ectomyeloides ceratoniae
Endelomyia aethiops
Eurytoma infracta
Euscelis plebejus
Forficula decipiens
F. pubescens
Gnorimoschema ocellatella
Gortyna flavago
Helicella caperata
H. conspurcata
H. itala
H. maritima
H. striata
Helix aperta
H. aspersa
H. pomatia
Hemimene juliana
Laspeyresia nigricana
L. splendana
Lepidosaphes ficus
Limax marginatus
L. maximus
Lobesia botrana
Macroplox fasciata
Mamestra brassicae
Monacha cantiana
M. carthusiana
Ostrinia nubilalis
Otala lactea
O. vermiculata
Orychilus alliarius
Parlatoria zizyphus
Pectinophora gossypiella

Countries of Origin and Insects—Continued

ITALY—Continued

Phalonia zephyrana
Pieris brassicae
Prays oleellus
Rhagoletis alternata (?)
R. cerasi
Rumina decollata
Sesamia cretica
Sparteus villosus
Sterrhia inquinata
Targionia vitis
Tetranychus cinnabarinus
T. ludeni
Theba pisana
Thrips major
Trogoderma granarium
Udea ferrugalis

ITALY (?):

Brevipalpus obovatus

JAMAICA:

Acanthoderes circumflexa
Aganactesis indecora
Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Ancylostomia stercora
Asterolecanium epidendri
A. simile
Cerconota anonella
Ectomyelois ceratoniae
Epinotia aporema
Eutetranychus banksi
Lamellaris gracilis
Mimosestes sallaei
Palaeopus costicollis
Pectinophora gossypiella
Pentalonia nigronervosa
Pseudaonidia trilobitiformis
Pseudischinaspis bowreyi
Vinsonia stellifera

JAPAN:

Acronicta rumicis
Aethus indicus
Aleurocanthus spiniferus
Aleurolobus marlatti
Aleurotrachelus camelliae
Aleurotuberculatus aucubae
Aonidiella citrina
Aspidiotus degeneratus
Brevipalpus obovatus
Bryobia ehari
Callidium rufipenne
Carposina niponensis
Ceronema japonica
Chilo suppressalis
Chionaspis wistariae
Clanis phalaris
Cryptotermes brevis
Dialeurodes tristylli
Dichocrocis punctiferalis
Euborellia plebeja
Eucohocephalus platynotum
Fiorinia proboscidea
Frankliniella formosae
F. lilivora
Homoeogryllus japonicus
Lamellaris gracilis
Lecanium corni
Lepidosaphes conchiformis
L. kuwacola
L. newsteadi
L. pini
L. tubulorum
L. yanagicola
Macrosiphum formosanum
Mamestra brassicae
Maruca testulalis
Matsucoccus matsumurae
Matsumuraeses phaseoli
Megastigmus cryptomeriae
Morganella longispina
Nipponaclerda biwakoensis
Ostrinia nubilalis
Parlatoria zizyphus
Patanga japonica
Pentamerismus oregonensis
Pinnaspis buxi

Pseudococcus azaleae
P. citriculus
P. pini
Pulvinaria aurantii
Reticulitermes speratus
Sesamia inferens
Stephanitis pyrioides
Taeniothrips distalis
T. gracilis
Tenuipalpus japonicus
Tetranychus viennensis
Thrips flavus
Trogoderma granarium
Unaspis citri
U. yanonensis

JAPAN (?):

Caryedon gonagra
Nephotettix apicalis
Pelopidas mathias oberthuri
Xylopsocus castanoptera

KENYA:

Caryedon gonagra
Chrysomphalus opimus (tentative)
Vinsonia stellifera

KOREA:

Callosobruchus ademptus
Frankliniella formosae
Trogoderma granarium

KUWAIT:

Trogoderma granarium

KWAJALEIN:

Furcaspis oceanica

LEBANON:

Aonidiella citrina
Bruchus ervi
Ceratitis capitata
Chrysomphalus inopinatus
Dacus oleae
Lobesia botrana

LIBERIA:

Parlatoria zizyphus

LIBYA:

Helicella conspurcata
Theba pisana

MADEIRA ISLANDS:

Coccus viridis

MARTINIQUE:

Heterotermes converinotatus

MEXICO:

Aegiale hesperiaris
Agroiconota propinqua
Aleurocanthus woglumi
Aleuroglandulus emmae
Alpheias conspirata
Amitermes wheeleri
Anastrepha ludens
A. mombinpraeoptans
A. serpentina
Arphnus melanotylus
Aspidiotus destructor
A. palmae
Asterolecanium inlabefactum
A. miliaris robustum
Aulacoscelis melanocera
Batrachedra linaria
Brevipalpus obovatus
Calyptocephala marginipennis
Camirus moestus
Caryedon gonagra
Cecilioides acicula
Charidotis seminulum
Chilo loftini
Chrysomphalus agavis
C. albopictus
C. personatus
C. sphaerioides
C. tenax
C. umboniferus
Conotelus mexicanus
Corythucha mcelfreshi
Cryptophlebia ombrodelta
Deloyala guttata
Diorymerellus laevimargo
Ectomyelois muriscis
Everes comyntas

Countries of Origin and Insects—Continued

MEXICO—Continued

Exitianus obscurinervis
Exptochiomeria oblonga
Fiorinia theae
Gnorimoschema gudmannella
Grapholitha packardii
Gymnococcus agavium
Gynaikothrips ficorum
Haplothrips clarisetis (?)
Helicina strebeli
Insara tolteca
Iphiclides protesilaus
Iridomyrmex iniquus
Isorhinus undatus
Labia arcuata
Lamellaris gracilis
Lepidosaphes philococcus
Leptodictya sinaloana
Leptopharsa usingeri
Ligyrocoris aurivilliana
L. nitidulus
Loxostege bifidalis
Lygus lineolaris
Micrapate labialis
Mimosestes sallaei
Moodna bisinuella
Mormidea inermis
Myelobia smerinthus
Myodocha longicollis
Nasutitermes corniger
Neoleucinodes elegantalis
Nysius raphanus
N. tenellus
Ogdoecosta biannularis
Onychaspidium apicale
Oxacis xerensis
Oxychilus alliarius
Pachybrachius albocinctus
Parisoschoenus expositus
P. flavolimbatus
Parlatoria cinerea
Pectinophora gossypiella
Pemphigus populiramulorum
Pheidole megacephala
Philaspis bivulnerata
Phorodon menthae
Plagiomorpha scabricula
Platynota rostrana
Podisus lineolatus
Polyglypta costata
Procryptotermes hubbardi
Pseudacysta perseae
Pseudischnaspis alienus
Ptilia versicolor
Puto mexicanus
Sparedrus depressus
Stator limbatus
Stenoma catenifer
Talponia batesi
Taylorilygus pallidulus
Tenthecoris bicolor
Tenthecoris distinctus
Tenuirostritermes cinereus
Thyanta pallidovirens
Trialeurodes vitrinellus
Trionymus sacchari
Unaspis citri
Vinsonia stellifera
Xylobiops parilis
X. sextuberculatus

MONTSERRAT:

Ectomyelois ceratoniae

MOROCCO:

Cochlicella barbara
C. ventrosa
Helicella conspurcata
Metopoplax ditomoides
Nezara viridula
Otala lactea
O. vermiculata
Pieris brassicae
Thaumatomyia notata flavifrons
Theba pisana

MOZAMBIQUE:

Trogoderma granarium

NETHERLANDS:

Adoxophyes orana
Aspidiotus zonatus
Bruchus affinis
Cepaea hortensis (?)
Ceutorhynchus erysimi
Dialeurodes chittendeni
Diaspis juniperi
Haplothrips aculeatus
Helicella ericetorum
Helix aperta
Limothrips denticornis
Lygus lucorum
Mamestra brassicae
Myzus ascalonicus
Oulema melanopa
Phytomyza rufipes
Rhagoletis cerasi
Sitona lineata
Taeniothrips atratus
Thrips flavus
Trionymus lounsburyi
Trogoderma granarium

NETHERLANDS (?):

Trogoderma granarium

NETHERLANDS NEW GUINEA:

Cosmopolites sordidus

NETHERLANDS WEST INDIES:

Cylas formicarius elegantulus

NEW GUINEA:

Cosmopolites sordidus

NEW ZEALAND:

Brevipalpus obovatus

Nysius huttoni

NICARAGUA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
A. serpentina
Chrysomphalus calurus
C. personatus
Stenoma catenifer
Tenthecoris vestitus
Vinsonia stellifera

NIGERIA:

Caryedon gonagra
Ceratitis colae (?)
Pseudococcus boninsis
Trogoderma granarium

NORTHERN IRELAND:

Steneotarsonemus laticeps

NORWAY:

Aphis callunae
Argyresthia conjugella
Eremocoris plebejus
Evergestis forficalis
Ips typographus
Taeniothrips atratus
T. ericae

OKINAWA:

Parlatoria zizyphus
Pheidole megacephala
Popillia lewisi
Pulvinaria psidii

OKINAWA (?):

Sinoxylon conigerum
Stromatium longicorne

PAKISTAN:

Sinoxylon conigerum
Trogoderma granarium

PALMYRA ISLAND:

Pseudococcus neobrevipes

PALMYRA ISLAND (?):

Eobia bicolor

PANAMA:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Aspidiotus destructor
Cephaloleia pretiosa
Chrysomphalus odontoglossi
C. umboniferus
Ecpantheria eridanus
Lepidosaphes tokionis
Metamasius hemipterus sericeus
Pentalonia nigronervosa
Pinnaspis buxi
Pseudischnaspis alienus

Countries of Origin and Insects—Continued

PANAMA—Continued

Stenoma catenifer
Unaspis citri
Vinsonia stellifera

PANAMA (?):

Unaspis citri

PERU:

Acanthoscelides obreptus
Ceratitis capitata
Clerada apicicornis
Dallasiellus orchidiphilus
Helix aspersa
Lincus rufopilotus
Mecolaemus carvalhoi
Pagiocerus fiorii
Pentalonia nigronervosa
Rhynchotermes nasutissimus
Selenothrips rubrocinctus
Tenthecoris distinctus
Trionymus sacchari
Vinsonia stellifera

PHILIPPINES:

Aonidiella inornata
Aspidiotus destructor
A. excisus
A. palmae
Aulacaspis tubercularis
Caryedon gonagra
Cosmopolites sordidus
Cryptophlebia ombrodelta
Cylas formicarius elegantulus
Dialeurodes kirkaldyi
Ectomyelois ceratoniae
Eobia bicolor
Fiorinia theae
Furcaspis haematochroa
Heterobostrychus aequalis
Leptocorixa varicornis
Monomorium destructor
Parlatoria cinerea
P. zizyphus
Pheidole megacephala
Phenacaspis cockerelli
Polytus mellerborghi
Pseudaonidia trilobitiformis
Pseudococcus lilacinus
Stephanitis typica
Taeniothrips vitticornis
Tenuipalpus pacificus
Trogoxylon aequale
Unaspis yanonensis

PHILIPPINES (?):

Nephotettix apicalis
Rehimena phrynealis
Trogoderma granarium

POLAND:

Argyresthia conjugella
Endelomyia aethiops
Frankliniella intonsa
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi

PORTUGAL:

Bruchus guttalis
Caryedon gonagra
Ceratitis capitata
Ectomyelois ceratoniae
Hemimene juliana
Laspeyresia splendana
Pheidole megacephala
Rhagoletis cerasi
Sitona lineata

PUERTO RICO:

Anastrepha mombinpraeoptans
A. suspensa
Ancylostomia stercorea
Asterolecanium bambusae
Cylas formicarius elegantulus
Doru albipes
Ectomyelois ceratoniae
Maruca testulalis
Orycopis vittata
Pinnaspis caricis
Protopulvinaria longivalvata
"Targionia" sacchari

PUERTO RICO (?):

Anastrepha suspensa

REPUBLIC OF SOUTH AFRICA:

Blissus diplopterus
Bostrychoplites cornutus
Ceratitis capitata
"Chionaspis" leucadendri
Diaphone eumela
Diaspis zamiae
Epichorista ioneophela
Forficula senegalensis
Frankliniella schultzei
Mesochelidura peringueyi
Nezara viridula
Odonaspis ruthae
Opogona sacchari
Parlatoria pittospori
Phlyctinus callosus
Phricodus hystrix
Pseudococcus gahani
Specularius erythrinae
Xiphistes furcicornis

REPUBLIC OF THE CONGO:

Callosobruchus rhodesianus

RUMANIA:

Grapholitha janthiana (?)

ST. KITTS:

Ancylostomia stercorea
Coccus viridis
Pheidole megacephala

ST. LUCIA:

Lamellaris gracilis
Subulina octona
"Targionia" hartii

SCOTLAND:

Aphis callunae
Gelechia ericetella
Limothrips denticornis
Rhynchites auratus
Taeniothrips atratus
T. ericae
Thrips flavus
T. major
Tyrophagus oudemansi

SENEGAL:

Trogoderma granarium

SINGAPORE:

Bemisia tabaci
Pheidole megacephala
Trogoderma granarium

SOLOMON ISLANDS:

Pheidole megacephala

SOUTH AMERICA (country(?)):

Solenopsis saevissima richteri

SOUTH PACIFIC:

Cassida circumdata
Sardia pluto

SOUTHWEST PACIFIC:

Eobia bicolor

SPAIN:

Acrolepia assectella
Brachycerus algirus
Brevipalpus obovatus
B. phoenicis
Bruchus lentis
B. signaticornis
Callidium violaceum
Ceratitis capitata
Chilo suppressalis
Cochlicella barbara
C. conoidea
Cryptoblabes gnidiella
Dactylotrypes uytenboogaarti
Dyspessa ulula
Gymnococcus agavium
Helicella conspurcata
H. maritima
H. neglecta
H. variabilis
Helix aspersa
Laspeyresia splendana
Limax marginatus
Lorryia mali
Ostrinia nubilalis
Otala vermiculata
Parlatoria zizyphus

Countries of Origin and Insects—Continued

SPAIN—Continued

Plusia orichalcea
Rhagoletis cerasi
Rhaphogaster nebulosa
Sesamia nonagrioides
Theba pisana
Thrips angusticeps

SUDAN:

Trogoderma granarium

SURINAM:

Parlatoria cinerea
Subulina octona

SWEDEN:

Acanthothrips coriaceus
Anuraphis cardui
Frankliniella intonsa
Molorchus minor

SWITZERLAND:

Ceciloides acicula
Psylla mali
Stenoptilia stigmatodactyla

TAHITI:

Brevipalpus phoenicis
Dialeurodes kirkaldyi
Morganella longispina
Parlatoria cinerea

TANGANYIKA:

Mamestra brassicae

THAILAND:

Cylas formicarius
Heterobostrychus aequalis
Lepidosaphes punicae
Minthea rugicollis
Parlatoria zizyphus
Trogoderma granarium

TORTOLA:

Aspidiotus destructor

TRINIDAD:

Anastrepha mombinpraeoptans
Euscepes postfasciatus
Monomorium destructor
Nasutitermes costalis
Orthezia praelonga
Palaeopus costicollis
Parlatoria cinerea
Pectinophora gossypiella
Tropidacris latreillei
Vinsonia stellifera

TURKEY:

Ceratitis capitata
Cochlicella barbara
Ectomyelois ceratoniae
Helicella derbentina
H. striata
Laspeyresia splendana
Pectinophora gossypiella
Theba pisana

UNITED ARAB REPUBLIC:

Ceratitis capitata
Gnorimoschema ocellatella
Hellula undalis
Lampides boeticus
Pectinophora gossypiella
Trogoderma granarium

UNKNOWN:

Adorophyes orana
Ancognatha scarabaeoides
Callipogon armillatum
Callosobruchus rhodesianus

Ceratitis capitata
Chilo suppressalis
Chrysomphalus personatus
Cochlicella ventrosa
Dacus oleae
Eriophyes canestrinii
Eucalymnatus tessellatus
Exitianus obscurinervis
Gelechia ericetella
Grapholitha janthiana (?)
Helicella itala
H. striata
H. variabilis
Helix pomatia
Laspeyresia strobilella
Listronotus palustris
Lobesia botrana (?)
Monomorium destructor
Myzus ascalonicus
Nezara viridula
Onthophagus taurus
Parlatoria cinerea
P. zizyphus
Phytomyza rufipes
Plagionotus arcuatus
Porphyrobaphe iostoma
Pseudococcus gahani
Rhagoletis cerasi
Schoenobius incertulas
Taeniothrips atratus
T. dianthi
"Targionia" hartii
Tetranychus viennensis
Theba pisana
Thrips angusticeps
T. flavus
T. major
Trogoderma granarium
Tropidacris latreillei
Vinsonia stellifera
Xylomeira torquata

VENEZUELA:

Aceria tulipae
Aulacaspis tubercularis
Cerconota anonella
Engonus subcylindricus
Mimosestes sallaei
Neoleucinodes elegantalis
Otosema odorata
Parozacis antillarum
Synrias diffundens
Vinsonia stellifera

VENEZUELA (?):

Hemiargus hanno
Minthea rugicollis

VIETNAM:

Cryptothelea minuscula

WEST INDIES (island(?)):

Anastrepha mombinpraeoptans
Unaspis citri

YUGOSLAVIA:

Dyspesta ulula
Grapholitha janthiana (?)
Homotoma ficus
Laspeyresia splendana
Ostrinia nubilalis
Sterrrha inquinata

Pests Collected and Reported From July 1, 1960, Through June 30, 1961

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
‡ <i>Aecidium cannonii</i> Griff.: <i>Fouquieria</i> sp. (leaf).....	Mexico.....	1			Tex.
† <i>Aphelenchoides bicaudatus</i> Imamura: <i>Ipomoea batatas</i> (sweetpotato).....	do.....	1			Tex.
<i>Aphelenchoides fragariae</i> (Ritzema Bos) Christie(?): <i>Bletilla striata</i> (orchid) stem sheath.....	Japan.....			1	N.J.
† <i>Ascochyta caricae</i> Pat.: <i>Carica papaya</i> (papaya).....	Eniwetok, Mexico.....	1	1		Hawaii, Tex.
† <i>Ascochyta citri</i> Penz.: <i>Citrus aurantium</i> (sour orange).....	Japan.....		1		Calif.*
† <i>Ascochyta cycadina</i> Scalia: <i>Cycas revoluta</i> (sago palm).....	Okinawa.....			1	Hawaii.
† <i>Ascochyta passiflorae</i> Penz. & Sacc.: <i>Passiflora</i> sp. (passionflower) fruit.....	Colombia.....	1			Calif.
† <i>Ascochyta phaseolorum</i> Sacc.: <i>Phaseolus vulgaris</i> (bean).....	Brazil.....		2		Calif.,* S.C.
† <i>Asterinema caseariae</i> Bat. & Gayão(?): <i>Maxillaria</i> sp. (orchid).....	Costa Rica.....			1	Fla.
<i>Botryosphaeria palmigena</i> (Berk. & Curt.) Bomm. & Rouss.: <i>Chamaedorea elegans</i> (palm) leaf.....	Mexico.....	2			Tex.
† <i>Camarosporium chenopodii</i> Ell. & Ev.: <i>Exomis axyrioides</i> (seed).....	Republic of South Africa.....			1	D.C.
† <i>Camarosporium limonii</i> Cke.: <i>Citrus sinensis</i> (sweet orange).....	Australia.....		1		Hawaii.
† <i>Camarosporium setuliferum</i> (Speg.) Petr. & Syd.: <i>Lophocereus schottii</i> (cactus).....	Mexico.....			1	Ariz.
†Carnation ringspot virus: <i>Dianthus</i> sp. (cutting).....	Denmark.....			1	N.J.
<i>Ceratocystis narcissii</i> (Limber) J. Hunt: <i>Narcissus</i> sp. (bulb).....	England.....			1	Calif.*
<i>Cercospora brachiata</i> Ell. & Ev.: <i>Phaseolus vulgaris</i> var. (string bean).....	Puerto Rico.....	1			P.R.
<i>Cercospora brassicicola</i> P. Henn.: <i>Brassica</i> sp.....	Japan.....		1		P.R.
<i>Cercospora coleroides</i> Sacc.: <i>Casimiroa</i> sp. (leaf).....	Mexico.....	1			Ariz.
† <i>Cercospora moricola</i> Cke.: <i>Morus</i> sp. (mulberry) leaf.....	do.....		1		Tex.
† <i>Cercospora punicae</i> P. Henn.: <i>Punica granatum</i> (pomegranate).....	India.....	1			Hawaii.
† <i>Cercospora vaginae</i> Krüger: <i>Saccharum</i> sp.....	do.....	1			Hawaii.
† <i>Chaetothyria musarum</i> (Speg.) Th. sensu Batista: <i>Musa paradisiaca</i> (plantain).....	Mexico.....	1			Tex.
<i>Chrysomyxa ledi</i> d By. var. <i>rhododendri</i> (d By.) Saville: <i>Rhododendron ferrugineum</i> (rock rhododendron).....	Switzerland.....	7			N.J., N.Y.
<i>R. uniflorum</i>	Canada.....			1	Wash.
<i>Rhododendron</i> sp.....	Switzerland.....	7		1	Ill., N.Y.
† <i>Ciliospora gelatinosa</i> Zimm.: Palm (frond).....	Mexico.....	1			Tex.
† <i>Circinella minor</i> Lendner(?): <i>Citrullus vulgaris</i> (watermelon).....	do.....	1			Tex.
† <i>Coleosporium asterum</i> (Diet.) Syd.: <i>Aster</i> sp.....	Korea.....	1			Wash.
† <i>Colletotrichum dematium</i> (Fr.) Grove f. <i>spinaciae</i> (Ell. & Halst.) Arx: <i>Spinacia oleracea</i> (spinach).....	Japan.....		1		Calif.*
† <i>Coniothecium chomatosporum</i> Cda.(?): <i>Malus sylvestris</i> (apple).....	Australia.....	1			Hawaii.
<i>Coniothyria agaves</i> (Dur. & Mont.) Petr. & Syd.: <i>Agave</i> sp.....	Mexico.....			1	Tex.
† <i>Coniothyrium brevisporum</i> I. Miyake: <i>Oryza sativa</i> (rice) straw.....	China.....	1			Wash.
† <i>Coniothyrium palmicolum</i> (Fr.) Starb.: Palm (seed).....	Mexico.....			1	Ariz.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Criconemoides mutabile</i> Taylor:					
Soil with <i>Delonix regia</i> (flamboyant-tree).....	Mexico.....	-----	-----	1	Tex.
Soil with <i>Philodendron</i> sp.....	do.....	-----	-----	1	Ariz.
Soil with unidentified plant.....	do.....	-----	-----	1	Ariz.
<i>Cryptospora longispora</i> Servazzi:					
<i>Araucaria excelsa</i> (Norfolk-Island-pine) seed....	Australia, Norfolk Island, unknown.	-----	-----	6	Calif.,* Fla., N.J.
<i>Cumminsiella mirabilissima</i> (Pk.) Nannf.:					
<i>Mahonia aquifolium</i> (Oregon-grape).....	Canada.....	-----	-----	1	Wash.
<i>Cylindrocarpon candidum</i> (Lk.) Wr.:					
<i>Polygonum aubertii</i> (root).....	Netherlands.....	-----	-----	1	N.J.
† <i>Cylindrocladium scoparium</i> Morg.:					
<i>Stanhopea</i> sp. (orchid) leaf.....	Mexico.....	-----	-----	1	Tex.
† <i>Cylindrosporium toxicodendri</i> Ell. & Ev.:					
<i>Schinus molle</i> (California peppertree).....	do.....	1	-----	-----	Tex.
† <i>Cymadothea trifolii</i> (Fr.) Wolf:					
<i>Trifolium resupinatum</i> (Persian clover) seed....	Pakistan.....	-----	-----	1	D.C.
<i>Cytospora sacchari</i> Butl.:					
<i>Saccharum officinarum</i> (sugarcane) node.....	Mexico.....	-----	1	-----	Tex.
<i>Dendrophoma obscurans</i> (Ell. & Ev.) H. W. Anderson:					
<i>Fragaria</i> sp. (strawberry) leaf.....	France, Germany.....	-----	-----	5	N.Y.
<i>Dendryphon interseminata</i> (Berk. & Rav.) Hughes:					
<i>Dahlia</i> hybrid (root).....	Mexico.....	-----	-----	1	Tex.
† <i>Diaporthe batatis</i> Harter & Field:					
<i>Ipomoea batatas</i> (sweetpotato).....	do.....	1	-----	-----	Ariz.
<i>Didymellina ornithogali</i> Jacques:					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee)....	Republic of South Africa	1	-----	-----	Mass.
† <i>Didymium squamulosum</i> (Alb. & Schw.) Fr.:					
<i>Chamaedorea elegans</i> (palm) leaf.....	Mexico.....	1	-----	-----	Tex.
† <i>Dinemasporium graminum</i> Lév.:					
<i>Secale cereale</i> (rye) straw jacket.....	Chile(?).....	1	-----	-----	Fla.
<i>Diplodia coccocarpa</i> Sacc.:					
<i>Cocos nucifera</i> (coconut) cap.....	Hawaii, Tahiti.....	3	-----	-----	Calif.*
<i>Diplodia oryzae</i> I. Miyake:					
<i>Oryza sativa</i> (rice) straw.....	Japan.....	-----	31	-----	Calif.*
† <i>Diplodina grossulariae</i> Sacc. & Briard:					
<i>Ribes</i> sp. (stem).....	Norway.....	-----	-----	1	Calif.*
† <i>Discula quercina</i> (West.) Arx:					
<i>Quercus phillyreoides</i>	Japan.....	-----	-----	1	N.J.
<i>Ditylenchus dipsaci</i> (Kühn) Filip.:					
<i>Narcissus</i> 'Beryl', 'Charity May', 'Cobweb', 'Moschatus of Haworth', 'Nor-Nor', 'Snipe', 'Stafford'.	England.....	-----	-----	7	N.J.
<i>N. bulbocodium</i> (petticoat daffodil).....	do.....	-----	-----	1	N.J.
<i>N. bulbocodium</i> var. <i>conspicuus</i>	do.....	-----	-----	1	N.J.
<i>N. filifolius</i>	do.....	-----	-----	1	N.J.
<i>N. juncifolius</i>	do.....	-----	-----	1	N.J.
<i>N. odoratus</i> (campernelle jonquil).....	do.....	-----	-----	1	N.J.
<i>Narcissus</i> sp.....	do.....	-----	-----	1	N.J.
† <i>Dothiorella araucariae</i> (Vogl.) Petr.:					
<i>Araucaria cunninghamii</i> (seed).....	Australia.....	-----	-----	2	Fla.
<i>Araucaria</i> sp. (seed).....	Nicaragua.....	-----	-----	1	Fla.
† <i>Dothiorella barringtoniae</i> (Cke. & Massee) Petr. & Syd.:					
<i>Barringtonia speciosa</i> (India barringtonia).....	Hawaii.....	1	-----	-----	Calif.*
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (sour lime).....	Brazil, unknown.....	-----	3	-----	Calif.,* P.R.
<i>C. limon</i> (lemon).....	Argentina, Brazil, unknown.	-----	28	-----	Ala., Calif.,* Ga., Fla., La., N.Y.
<i>C. paradisi</i> (grapefruit).....	Argentina, Brazil.....	-----	6	-----	Calif.,* Fla., N.Y., Tex.
<i>C. reticulata</i> (Mandarin orange).....	Argentina, unknown....	6	16	-----	Fla., N.Y.
<i>C. sinensis</i> (sweet orange).....	Argentina, Brazil, unknown, Uruguay.	7	97	-----	Ala., Calif.,* Fla., Ga., Hawaii, La., Md., Mich., N.Y., N.C., Pa., P.R., Tex., Va.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Elsinoe lepagei</i> Bitanc. & Jenkins: <i>Pouteria campechiana</i> (leaf).....	Mexico.....	1			Ariz.
† <i>Elsinoe mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango).....	Antigua.....	1			P.R.
† <i>Fusarium solani</i> (Mart.) Appel & Wr. emend Snyd. & Hans.: <i>Solanum tuberosum</i> (potato).....	Peru.....	1			Fla.
† <i>Gonatobotrys simplex</i> Cda.: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....		1		Ariz.
†“Greasy spot”: <i>Citrus</i> sp. (leaf).....	Dominican Republic, Puerto Rico.	2			P.R.
† <i>Guignardia bidwellii</i> (Ell.) Viala & Ravaz: <i>Vitis</i> sp. (grape).....	Chile.....	1			N.Y.
<i>Gymnosporangium haraeaeum</i> Syd.: <i>Juniperus chinensis</i> (pyramid Chinese juniper)	Japan.....			6	Hawaii, Wash.
<i>J. chinensis</i> var. <i>sargentii</i>	do.....			2	Hawaii.
<i>Helicotylenchus nannus</i> Steiner: Soil with plants (<i>Asparagus</i> sp., <i>Capsicum annuum</i> , <i>Citrus</i> sp., <i>Echeveria</i> sp., <i>Ficus religiosa</i> , <i>Laurus</i> sp., <i>Tradescantia</i> sp., and unidentified plants).	Mexico.....			9	Ariz., Tex.
<i>Helminthosporium turcicum</i> Pass.: <i>Zea mays</i> (corn).....	do.....	1			Ariz.
<i>Heterodera avenae</i> (Wr.) Filip.: Soil with <i>Allium cepa</i> (onion).....	Italy.....	2			N.Y.
Soil with <i>Allium sativum</i> (garlic).....	do.....	2			N.Y.
Soil with automobile.....	Sweden.....	1			Fla.
Soil with propagative material (<i>Citrus limon</i> , <i>Freesia</i> sp., <i>Rosa</i> hybrid, <i>Tulipa</i> sp., and <i>Vitis</i> sp.).	Denmark, England, Germany, Italy.			6	N.Y.
Soil with <i>Solanum tuberosum</i> (potato).....	Belgium.....		1		Fla.
<i>Heterodera cacti</i> Filip. & Schuurm. Stek.: Soil with <i>Allium sativum</i> (garlic).....	Mexico.....		2		N.Y.
Soil with propagative material (<i>Begonia</i> sp., cactus, fern, <i>Philodendron</i> sp., <i>Polianthes tuberosa</i> , and unidentified plants).	Argentina, †Chile, France, Germany, Italy, Mexico, Switzerland.			24	Ariz., Calif.* Fla., N.Y., Tex.
Soil with railway car.....	Mexico.....		1		Tex.
<i>Heterodera punctata</i> Thorne: Soil with automobile.....	England.....	1			Fla.
Soil with propagative material (<i>Amaryllis</i> sp., <i>Begonia</i> sp., cactus, <i>Calluna vulgaris</i> , grass, <i>Gypsophila</i> sp., <i>Philodendron</i> sp., <i>Rosa</i> hybrid, and unidentified plants).	Austria, Belgium, England, Germany, Mexico, Norway, Switzerland.			12	Calif.,* Fla., N.J., N.Y., Tex.
Soil with railway car.....	Mexico.....		1		Tex.
<i>Heterodera rostochiensis</i> Wr.: Soil sample.....	Poland.....	1			N.Y.
Soil with propagative material (<i>Amaryllis</i> sp., <i>Begonia</i> sp., cactus, <i>Chrysanthemum</i> sp., <i>Dahlia</i> hybrid, <i>Dianthus</i> sp., fern, <i>Fragaria</i> sp., <i>Haworthia papillosa</i> , <i>Hedera</i> sp., <i>Medinilla magnifica</i> , <i>Paeonia</i> sp., palm, <i>Pelargonium zonale</i> , <i>Trifolium repens</i> var., unidentified plants, and <i>Viola</i> sp.).	England, Germany, Ireland, Mexico, Poland, Sweden.			19	Ariz., Calif.,* D.C., N.J., N.Y., Tex.
Soil with stores (<i>Apium graveolens</i> , <i>A. graveolens</i> var. <i>rapaceum</i> , <i>Armoracia lapathifolia</i> , <i>Brassica rapa</i> , <i>Lactuca sativa</i> , and <i>Solanum tuberosum</i>).	Belgium, England, Germany, Netherlands, Spain.		9		Calif.,* Fla., N.Y., Tex.
† <i>Hexagonia velutina</i> Pat.: Tree—unidentified.....	China.....			1	Hawaii.
<i>Kellermannia anomala</i> (Cke.) Hoehn.: <i>Yucca</i> sp.....	Mexico.....	1		1	Ariz., Tex.
† <i>Lecanidion atratum</i> (Hedw.) Endl.: <i>Aloe</i> sp. (stem).....	Bermuda.....	1			N.Y.
† <i>Leptosphaeria coffeigena</i> (Berk. & Curt.) Sacc.: <i>Coffea arabica</i> (Arabian coffee).....	Mexico.....			1	Tex.
<i>Lophodermium arundinaceum</i> (Fr.) Chev.: <i>Phalaris</i> sp.(?) (mat).....	Germany.....	1			La.
<i>Phragmites</i> sp. (reed) cane.....	do.....	1			Oreg.

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Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Macrophoma araucariae</i> De Lac.:					
<i>Araucaria cunninghamii</i> (seed).....	New Zealand.....	-----	-----	1	Calif.*
<i>A. excelsa</i> (Norfolk-Island-pine) seed.....	Norfolk Island.....	-----	-----	4	Calif.*
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca</i> (plantain).....	†American Samoa, Japan.....	1	1	-----	Hawaii.
<i>M. paradisiaca</i> var. <i>sapientum</i> (banana) leaf.....	Philippines.....	1	-----	-----	Calif.*
<i>Musa</i> sp. (fruit and leaf).....	†Guam, Japan, Philippines, †Singapore.....	6	1	-----	Hawaii.
<i>Macrophoma oleae</i> (DC.) Berl. & Vogl.:					
<i>Olea europaea</i> (olive).....	Italy.....	1	-----	-----	N.Y.
<i>Melampsora abietis-capraearum</i> Tub.:					
<i>Salix</i> sp. (willow) herbarium specimen.....	Mexico.....	1	-----	-----	Ariz.
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Alocasia</i> sp. (rhizome).....	do.....	-----	-----	1	Tex.
<i>Caladium</i> x <i>hortulanum</i> 'Candidum' (tuber).....	Guatemala.....	-----	-----	2	N.J.
<i>Caladium</i> sp. (tuber).....	do.....	-----	-----	1	N.J.
<i>Dioscorea</i> sp. (yam) root.....	Japan.....	-----	1	-----	Calif.*
<i>Gerbera</i> sp. (root).....	do.....	-----	-----	1	Calif.*
† <i>Meloidogyne arenaria arenaria</i> (Neal) Chitwood:					
<i>Zantedeschia aethiopica</i> (calla lily).....	do.....	-----	-----	1	La.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Begonia</i> sp. (tuber).....	do.....	-----	-----	1	Wash.
<i>Clematis</i> sp. (root).....	Netherlands.....	-----	-----	1	N.Y.
<i>Gerbera</i> sp. (pip).....	Japan.....	-----	-----	2	Calif.*
<i>Leontopodium alpinum</i> (common edelweiss) root.....	Netherlands.....	-----	-----	1	N.Y.
<i>Phygelius capensis</i> (capefuchsia).....	England.....	-----	-----	1	N.J.
<i>Rosa</i> hybrids.....	Germany.....	-----	-----	2	N.J.
<i>Viburnum fragrans</i> (root).....	Netherlands.....	-----	-----	1	N.Y.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Asparagus</i> sp. (root).....	Mexico.....	-----	-----	1	Tex.
<i>Beta vulgaris</i> (beet).....	do.....	6	-----	-----	Tex.
<i>Daucus carota</i> var. <i>sativa</i> (carrot) root.....	do.....	1	-----	-----	Tex.
<i>Meloidogyne incognita acrita</i> Chitwood:					
<i>Coriandrum sativum</i> (coriander) root.....	do.....	1	-----	-----	Tex.
<i>Gardenia</i> sp. (root).....	do.....	-----	-----	1	Tex.
<i>Polianthes tuberosa</i> (tuberose).....	Italy.....	-----	-----	1	N.Y.
<i>Zantedeschia</i> sp. (calla lily) tuber.....	Mexico.....	-----	-----	1	Calif.*
<i>Meloidogyne javanica</i> (Treub) Chitwood:					
<i>Asparagus myriocladus</i>	Japan.....	-----	-----	1	Calif.*
<i>Asparagus</i> x <i>sieberianus</i>	do.....	-----	-----	1	Calif.*
<i>Cussonia</i> sp. (root).....	Republic of South Africa.....	-----	-----	1	N.J.
<i>Daucus carota</i> var. <i>sativa</i> (carrot) root.....	Mexico.....	1	-----	-----	Tex.
<i>Euphorbia multiceps</i> (root).....	Republic of South Africa.....	-----	-----	1	Calif.*
<i>Zantedeschia aethiopica</i> (calla lily) tuber.....	Argentina.....	-----	-----	1	N.J.
† <i>Menispora acicola</i> Ell. & Ev.:					
<i>Theobroma cacao</i> (cacao) pod.....	Mexico.....	1	-----	-----	Tex.
† <i>Menispora ciliata</i> Cda.:					
<i>Theobroma cacao</i> (cacao) pod.....	do.....	1	-----	-----	Tex.
† <i>Mycosphaerella berberidis</i> (Auers.) Lindau:					
<i>Mahonia</i> sp.	Japan.....	-----	-----	1	Hawaii.
† <i>Mycosphaerella molleriana</i> (Thuem.) Lindau:					
<i>Eucalyptus</i> sp. (leaf).....	Australia.....	1	-----	-----	Hawaii.
<i>Mycosphaerella schoenoprasi</i> (Ces. & de N.) Schroet.:					
<i>Allium cepa</i> (onion) top.....	Belgium, Japan.....	-----	8	-----	Calif.*
<i>A. fistulosum</i> (Welsh onion) top.....	Japan.....	-----	4	-----	Calif.,* N.Y.
<i>A. porrum</i> (leek) top.....	†Australia, Belgium, Japan.....	-----	42	-----	Calif.,* P.R.
<i>A. sativum</i> (garlic) top.....	†Germany.....	-----	1	-----	Calif.*
<i>Allium</i> spp.	Japan.....	-----	3	-----	Calif.*
† <i>Mycosphaerella serrulatae</i> (Ell. & Ev.) Diehl:					
Palm (leaf).....	Colombia.....	1	-----	-----	Fla.
† <i>Myiocopron affine</i> Penz. & Sacc.:					
<i>Agave</i> sp.	Mexico.....	-----	-----	1	Tex.
† <i>Myiocopron corrientum</i> Speg.:					
<i>Diacrium</i> sp. (orchid).....	Costa Rica.....	-----	-----	1	Fla.
<i>Neovossia horrida</i> (Tak.) Padw. & A. Khan:					
<i>Oryza sativa</i> (rice).....	India, Japan, †Korea, Philippines.....	2	130	-----	Calif.,* Wash.

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Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Oidium macrosporum</i> (Farl.) Linder: <i>Ricinus communis</i> (castorbean).....	Mexico.....	1	-----	-----	Ariz.
† <i>Olpitrichum macrosporum</i> (Farl.) Sumstine: <i>Oryza sativa</i> (rice) straw.....	Japan.....	1	-----	-----	Calif.*
<i>Papularia sphaerosperma</i> (Lk.) Hoehn.: Bamboo (leaf).....	Mexico.....	-----	1	-----	Tex.
<i>Strongylodon macrobotrys</i> ("jade vine").....	†Philippines.....	-----	-----	1	Calif.*
† <i>Periconia pulla</i> (Bon.) Sacc.: <i>Oryza sativa</i> (rice) straw rope.....	Japan.....	-----	1	-----	Calif.*
† <i>Peronospora destructor</i> (Berk.) Casp.: <i>Allium cepa</i> (onion) top.....	do.....	-----	1	-----	Calif.*
<i>Peronospora parasitica</i> Fr.: <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Netherlands.....	-----	1	-----	Tex.
† <i>Phakopsora jatrophiicola</i> Cumm.: <i>Jatropha curcas</i> (Barbados-nut) leaf.....	Dominican Republic.....	1	-----	-----	P.R.
† <i>Phoma acicola</i> (Lév.) Sacc.: <i>Pinus</i> spp.....	Thailand.....	1	-----	-----	Calif.*
<i>Phoma citricarpa</i> McAlp.: <i>Citrus aurantium</i> (sour orange).....	Japan.....	-----	6	-----	Calif.,* Wash.
<i>C. grandis</i> (pummelo).....	Asia (country(?)), China, unknown.	3	-----	-----	Calif.,* Hawaii, Mich.
<i>C. limon</i> (lemon).....	Australia, Fiji, Formosa, Japan, New Zealand, unknown.	2	43	-----	Calif.,* Hawaii, Mass., Mich., N.Y., N.C., Pa.
<i>C. medica</i> (Chinese citron).....	Japan.....	-----	1	-----	Tex.
<i>C. paradisi</i> (grapefruit).....	Australia, Fiji, Japan..	2	1	-----	Calif.,* Hawaii.
<i>C. paradisi</i> x <i>C. reticulata</i> (tangelo).....	Japan.....	-----	1	-----	Hawaii.
<i>C. reticulata</i> (Mandarin orange).....	China, Formosa, Hong Kong, Japan, unknown.	63	5	-----	Calif.,* Hawaii.
<i>C. sinensis</i> (sweet orange).....	Africa (country(?)), Australia, Brazil, China, Formosa, Hong Kong, Japan, Mozambique, Republic of South Africa, unknown, West Pacific.	74	40	-----	Ala., Calif.,* Fla., Hawaii, La., Mass., Md., Mich., Minn., N.J., N.Y., Pa., P.R., Tex., Wash.
<i>Citrus</i> sp. (peel).....	Asia (country(?)), China, Hong Kong, unknown.	14	-----	-----	Ariz., Fla., Ill., Mass., Mich., Tex.
† <i>Phoma equisetii</i> Desm.: <i>Equisetum</i> sp. (horsetail).....	Japan.....	-----	-----	1	Hawaii.
† <i>Phoma lineolata</i> Desm.: <i>Larix decidua</i> (European larch) seed.....	Scotland.....	-----	-----	1	N.J.
† <i>Phoma malisorica</i> Bub.: <i>Clematis dioscoreifolia</i> var. <i>robusta</i> (sweet autumn clematis) seed.....	Japan.....	-----	-----	1	N.J.
† <i>Phoma oryzae</i> Cke. & Mass.: <i>Oryza sativa</i> (rice) straw.....	China, India.....	3	-----	-----	Calif.,* Wash.
<i>Phomopsis cocoes</i> Petch: <i>Cocos nucifera</i> (coconut).....	Hawaii.....	2	-----	-----	Calif.*
<i>Phomopsis mahoniae</i> Grove(?): <i>Mahonia</i> sp.....	Japan.....	-----	-----	1	Hawaii.
<i>Phomopsis occulta</i> Trav. var. <i>ginkgoina</i> Grove: <i>Ginkgo biloba</i> (ginkgo) dwarf tree.....	do.....	-----	-----	1	Calif.*
<i>Phomopsis palmicola</i> (Wint.) Sacc.: <i>Areca cathecu</i> (betel palm) nut.....	Guam.....	1	-----	-----	Hawaii.
<i>Phomopsis pterophila</i> (Fckl.) Died.: <i>Fraxinus excelsior</i> (European ash) seed.....	Italy.....	-----	-----	1	N.J.
† <i>Phyllachora boutelouae</i> Rehm: <i>Bouteloua curtipendula</i> (sideoats grama).....	Mexico.....	-----	-----	1	Tex.
<i>B. gracilis</i> (blue grama).....	do.....	-----	-----	1	Tex.

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Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
† <i>Phyllachora rugata</i> Th. & Syd.: <i>Muhlenbergia</i> sp. (muhly grass).....	Mexico.....	-----	-----	1	Ariz.
<i>Phyllosticta aucubicola</i> Sacc.: <i>Aucuba japonica</i> 'Croton'.....	Belgium.....	-----	-----	1	N.J.
<i>Phyllosticta draconis</i> Berk.: <i>Cordyline terminalis</i> (ti) leaf.....	Hawaii.....	-----	-----	2	Calif.*
† <i>Phyllosticta kalmicola</i> (Schw.) Ell. & Ev.: <i>Laurus</i> sp. (laurel) leaf.....	Mexico.....	1	-----	-----	Tex.
<i>Phyllosticta mortoni</i> Fairm.: <i>Mangifera indica</i> (mango) leaf.....	do.....	1	-----	-----	Tex.
† <i>Phyllosticta quercus</i> Sacc. & Speg.: <i>Quercus garryana</i> (Oregon white oak) leaf.....	Canada.....	1	-----	-----	Wash.
† <i>Phyllosticta salicifoliae</i> P. Brun.: <i>Metrosideros</i> sp. (iron tree).....	Australia.....	1	-----	-----	Hawaii.
† <i>Phyllostictina cordylinae</i> (Thuem.) Petr. & Syd.: <i>Cordyline terminalis</i> (ti).....	Hawaii.....	5	-----	-----	Hawaii.
<i>Phyllostictina mangiferae</i> Batista & Vital: <i>Mangifera indica</i> (mango) leaf.....	Mexico.....	2	-----	-----	Tex.
<i>Physalospora wildemanniana</i> Sacc.: <i>Oncidium cebolleta</i> (orchid).....	do.....	-----	-----	1	Tex.
<i>Pratylenchus penetrans</i> (Cobb) Chitwood & Oteifa: <i>Dahlia</i> hybrid (root).....	Australia.....	-----	-----	1	N.J.
<i>Pratylenchus pratensis</i> (deMan) Filip.: <i>Pelargonium</i> sp. (geranium).....	Mexico.....	-----	-----	1	Tex.
<i>Prospodium appendiculatum</i> (Wint.) Arth.: <i>Tecoma stans</i>	do.....	1	-----	-----	Ariz.
† <i>Prospodium perornatum</i> Syd.: <i>Tabebuia rosea</i> (trumpet-tree).....	do.....	1	-----	-----	Ariz.
† <i>Prospodium pithecoctenii</i> (Paz.) Cumm.: <i>Pithecoctenium echinatum</i> (Mexican monkey- comb).....	do.....	2	-----	-----	Ariz., Tex.
† <i>Pseudomonas gardeniae</i> (Burkh. & Pirone) Dows.: <i>Gardenia jasminoides</i> (leaf).....	do.....	1	-----	-----	Ill.
† <i>Pseudomonas syringae</i> v. Hall: <i>Citrus limon</i> (lemon).....	Republic of South Africa.....	-----	1	-----	Calif.
<i>Psilenchus hilarulus</i> deMan: <i>Mesembryanthemum</i> sp.....	Mexico.....	-----	-----	1	Tex.
Soil with unidentified plant.....	do.....	-----	-----	1	Ariz.
<i>Puccinia arenariae</i> (Schum.) Wint.: <i>Dianthus barbatus</i> (sweetwilliam) leaf.....	England.....	-----	1	-----	Mass.
<i>Puccinia baccharidis</i> Diet. & Holw.: <i>Baccharis</i> sp.....	Mexico.....	1	-----	-----	Ariz.
† <i>Puccinia blasdalei</i> Diet. & Holw.: <i>Allium sativum</i> (garlic).....	France(?).....	-----	1	-----	Minn.
<i>Puccinia boutelouae</i> (Jennings) Holw.: <i>Bouteloua curtipendula</i> (sideoats grama).....	Mexico.....	-----	-----	1	Tex.
<i>Puccinia buxi</i> DC.: <i>Buxus</i> sp. (boxwood) leaf.....	France, Ireland.....	1	-----	1	Calif.,*Mass.
<i>Puccinia carthami</i> Cda.: <i>Carthamus tinctorius</i> (safflower).....	Mexico.....	-----	1	-----	Calif.
† <i>Puccinia hordei</i> Otth: <i>Hordeum vulgare</i> (barley) straw.....	Kenya.....	1	-----	-----	Wash.
<i>Puccinia horiana</i> P. Henn.: <i>Chrysanthemum morifolium</i> (florists chrysan- themum).....	Japan.....	5	4	-----	Alaska, Hawaii, Wash.
<i>Chrysanthemum</i> sp.....	do.....	4	1	1	Calif.,* Hawaii.
<i>Puccinia kusanoi</i> Diet.: Bamboo (leaf).....	do.....	1	-----	-----	D.C.
† <i>Puccinia magnusiana</i> Koern.: <i>Phragmites</i> sp. (reed) cane.....	Germany.....	1	-----	-----	Oreg.
† <i>Puccinia nocciae</i> Arth.: <i>Lagascea glandulosa</i> (herbarium specimen).....	Mexico.....	1	-----	-----	Ariz.
<i>Puccinia oblecta</i> Pk.: <i>Scirpus</i> sp. (bulrush) straw.....	Mexico, †Portugal.....	4	-----	-----	Fla., Tex.
<i>Puccinia strii</i> ormis West.: <i>Secale cereale</i> (rye) leaf.....	Japan.....	-----	1	-----	Wash.
Straw—unidentified.....	do.....	-----	1	-----	Fla.
† <i>Puccinia thaliae</i> Diet.: <i>Canna</i> sp. (leaf).....	Venezuela.....	1	-----	-----	N.Y.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pyrenochaeta oryzae</i> I. Miyake:					
<i>Oryza sativa</i> (rice) straw	†Formosa	1			Calif.*
<i>Radopholus similis</i> (Cobb) Thorne:					
<i>Anthurium</i> sp. (root)	Hawaii			1	Calif.*
<i>Ravenelia papillifera</i> Syd.:					
<i>Cassia</i> sp., probably <i>bauhinioides</i>	Mexico	1			Ariz.
† <i>Rhizosphaera pini</i> (Cda.) Maubl.:					
<i>Pinus</i> sp. (pine)	Thailand			1	Calif.*
<i>Rhytisma punctatum</i> (Pers.) Fr.:					
<i>Acer circinatum</i> (vine maple) leaf	Canada	1			Wash.
<i>Scutellonema brachyurum</i> (Steiner) Andrassy:					
Soil with <i>Crassula</i> sp. plant	Mexico			1	Tex.
Soil with <i>Saintpaulia</i> sp. plant	do			1	Ariz.
† <i>Scutellonema christiei</i> (Golden & Taylor) Andrassy:					
Soil with <i>Philodendron</i> sp.	do			1	Ariz.
† <i>Septonema toruloides</i> Berl.:					
<i>Oryza sativa</i> (rice) hull	Japan		1		Calif.*
<i>Septoria azaleae</i> Vogl.:					
<i>Rhododendron japonicum</i> 'Adonis'	Netherlands			1	N.J.
<i>Septoria citri</i> Pass.:					
<i>Citrus limon</i> (lemon)	Italy, Japan, Spain		4		Calif.,* N.Y.
<i>C. sinensis</i> (sweet orange)	Japan, Spain, unknown	1	7		Calif.,* Tex.
† <i>Septoria curvula</i> I. Miyake:					
<i>Oryza sativa</i> (rice) straw rope and mat	Japan		2		Calif.*
<i>Septoria oryzae</i> Catt.:					
<i>Oryza sativa</i> (rice) straw	do		43		Calif.*
† <i>Septoria pruni</i> Ell.:					
<i>Prunus</i> sp. (leaf)	Italy			1	N.Y.
† <i>Sirodesmium granulorum</i> de N.:					
<i>Cocos nucifera</i> (coconut) cap	Mexico	1			Calif.*
<i>Sphaceloma fawcettii</i> Bitanc. & Jenkins. var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins:					
<i>Citrus aurantifolia</i> (lime)	Australia		1		Hawaii.
<i>C. limon</i> (lemon)	do	1	1		Hawaii.
<i>C. sinensis</i> (sweet orange)	do		1		Va.
<i>Sphaceloma punicae</i> Bitanc. & Jenkins:					
<i>Punica granatum</i> (pomegranate)	Italy, Mexico	3			N.Y., Tex.
<i>Sphaerodopsis pringlei</i> (Pk.) Th. & Syd.:					
<i>Agave</i> sp.	Mexico			1	Tex.
<i>Sphaeropsis malorum</i> Pk.:					
<i>Euonymus europaeus</i> 'Intermedius'	Canada			1	N.J.
<i>Sphenospora kevorkianii</i> Linder:					
<i>Epidendrum</i> sp. (orchid) leaf	Bahamas, British Honduras, †Haiti, Honduras, unknown.			12	Fla.
<i>Gongora</i> sp. (orchid) leaf	†Peru			1	Fla.
<i>Ionopsis</i> sp. (orchid) leaf	Jamaica			1	Fla.
<i>Oncidium nanum</i> (orchid) leaf	†Brazil			1	Fla.
<i>O. pulchellum</i> (orchid) leaf	†Haiti			1	Fla.
<i>O. stipitatum</i> (orchid) leaf	†Canal Zone			1	Fla.
<i>Oncidium</i> sp.	British Honduras, Cuba.			2	Fla.
Orchid	Jamaica, †Peru			2	Fla.
<i>Rodriguezia batemanni</i> (orchid) leaf	†Peru			1	Fla.
<i>R. decora</i> (orchid) leaf	do			1	Fla.
<i>Rodriguezia</i> sp.	do			1	Fla.
† <i>Sphenospora mera</i> Cumm.:					
<i>Bletia</i> sp.(?) (orchid) leaf	Bahamas			1	Fla.
<i>Catasetum</i> sp. (orchid) leaf	Peru			2	Fla.
<i>Mormodes</i> sp.(?) (orchid) leaf	do			1	Fla.
† <i>Sphenospora saphena</i> Cumm.:					
<i>Oncidium pulchellum</i> (orchid)	Haiti, Jamaica			2	Fla.
<i>Oncidium</i> sp.	Peru			1	Fla.
Orchid	Haiti			1	Fla.
† <i>Sphenospora saphena</i> Cumm.(?):					
<i>Ionopsis utricularioides</i> (orchid) leaf	Jamaica	1			Fla.
<i>Stomatogene agaves</i> (Ell. & Ev.) Th.:					
<i>Agave</i> sp.	Mexico	1		1	Ariz.

See footnotes at end of table.

Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Tylenchorhynchus capitatus</i> M. W. Allen: Soil with <i>Citrus</i> sp. plant	Mexico			1	Ariz.
<i>Tylenchus costatus</i> deMan: Soil with <i>Saintpaulia</i> sp. plant	do			1	Ariz.
† <i>Tylenchus filiformis</i> Bütschli: Soil with <i>Saintpaulia</i> sp. plant	do			1	Ariz.
<i>Uredo behnickiana</i> P. Henn.: <i>Epidendrum prismatocarpum</i> (orchid) leaf	Costa Rica			1	Fla.
<i>E. radiatum</i>	Panama			1	Fla.
<i>Epidendrum</i> sp.	Costa Rica, Nicaragua			2	Fla.
<i>Laelia anceps</i> (orchid)	Mexico			3	Tex.
<i>Oncidium forbesii</i> (orchid) leaf	Brazil			1	Fla.
<i>O. varicosum</i> var. <i>rogersii</i>	do			2	Fla.
<i>Oncidium</i> sp.	do			1	Fla.
Orchid (leaf)	Costa Rica			1	Calif.*
<i>Schomburgkia</i> sp. (orchid) leaf	†Peru			1	Fla.
<i>Uredo epidendri</i> P. Henn.: <i>Ionopsis utricularioides</i> (orchid)	Trinidad			1	Hawaii.
<i>Ionopsis</i> sp.	Jamaica			4	Fla.
<i>Oncidium triquetrum</i> (?) (orchid)	do			1	Fla.
<i>Oncidium</i> sp.	Trinidad			1	Hawaii.
Orchid (leaf)	Costa Rica, Honduras, Nicaragua.			3	Calif.,* Fla.
<i>Rodriguezia secunda</i> (orchid)	Trinidad			1	Hawaii.
<i>Rodriguezia</i> sp.	†Peru			1	Fla.
<i>Trigonidium egertonianum</i> (orchid) leaf	British Honduras			1	Fla.
<i>Trizeuxis falcata</i> (orchid)	Trinidad			2	Hawaii.
<i>Uredo guacae</i> Mayor: <i>Epidendrum</i> sp. (orchid) leaf	Honduras, Jamaica			2	Fla.
<i>Miltonia roezlii</i> (orchid) leaf	Canal Zone			1	Fla.
<i>Odontoglossum</i> sp. (orchid)	Mexico			1	Ariz.
Orchid (leaf)	Ecuador, Panama			4	Fla.
<i>Ornithocephalus</i> sp. (orchid)	Peru			1	Fla.
<i>Sobralia leucoxantha</i> (orchid)	Mexico			1	Tex.
<i>Stanhopea</i> sp. (orchid)	Peru			1	Fla.
<i>Tetramicra parviflora</i> (orchid)	Jamaica			1	Fla.
<i>Zygostates lunata</i> (orchid)	Brazil			1	Fla.
† <i>Uredo monsterae</i> Syd.: <i>Philodendron</i> sp.(?) (leaf)	Canal Zone			1	Fla.
<i>Uredo nidularii</i> P. Henn.: Bromeliad (leaf)	†Costa Rica			2	Fla.
<i>Tillandsia lucida</i> (leaf)	Mexico			1	Tex.
<i>Tillandsia</i> sp.	do			2	Ariz., Tex.
<i>Uredo oncidii</i> P. Henn.: <i>Huntleya</i> sp. (orchid) leaf	Costa Rica			1	Fla.
<i>Oncidium bicallosum</i> (orchid)	Guatemala			1	Fla.
<i>O. carthagenense</i>	†Surinam			1	Fla.
<i>O. papilio</i>	Trinidad			1	Fla.
<i>Oncidium</i> sp.	British Honduras, Honduras, Mexico, Panama, Peru, unknown.			9	Fla., Hawaii.
<i>Ornithocephalus</i> sp. (orchid) leaf	Panama, Peru			2	Fla.
<i>Rodriguezia</i> sp.(?) (orchid) leaf	Peru			1	Fla.
<i>Uromyces aloes</i> (Cke.) Magn.: <i>Aloe dewetii</i>	Republic of South Africa			1	Tex.
<i>A. simii</i>	do			1	Tex.
<i>A. vryheidensis</i>	do			1	Tex.
<i>Uromyces fabae</i> (Grev.) Cke.: <i>Lens culinaris</i> (lentil)	Chile, unknown		2		Minn., Wash.
<i>Lens</i> sp. (pod)	†Argentina, Chile	2			N.Y., Pa.
<i>Vicia faba</i> (broadbean) pod	Netherlands		1		Minn.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.: <i>Lespedeza bicolor</i> (shrub lespedeza) seed	Japan			2	Calif.*
<i>Lespedeza</i> sp. (leaf with seed)	†Pakistan			1	D.C.
<i>Ustilago tritici</i> (Pers.) Rostr.: <i>Triticum aestivum</i> (wheat)	Mexico	1			Tex.
<i>Volutella pachysandricola</i> B. O. Dodge: <i>Pachysandra terminalis</i>	Netherlands			1	N.J.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Xanthomonas citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (lime)-----	India, Philippines, Thailand.	2	2	-----	Calif.,* Hawaii, Md.
<i>C. aurantium</i> (sour orange)-----	Japan-----	-----	13	-----	Calif.,* Pa., Tex., Wash.
<i>C. grandis</i> (pummelo)-----	do-----	-----	1	-----	Calif.*
<i>C. ichangensis</i> x <i>C. reticulata</i> (ichandarin)-----	do-----	-----	1	-----	Calif.*
<i>C. limon</i> (lemon)-----	Hong Kong, Japan-----	-----	18	-----	Calif.,* N.Y., Pa.
<i>C. paradisi</i> (grapefruit)-----	China, India, Japan, Philippines, unknown.	-----	10	-----	Calif.,* Ga., Pa., Tex., Wash.
<i>C. reticulata</i> (Mandarin orange)-----	China, Japan-----	2	1	-----	Calif.,* Hawaii.
<i>C. reticulata</i> 'Unshiu' (Satsuma orange)-----	Japan-----	-----	1	-----	N.Y.
<i>C. sinensis</i> (sweet orange)-----	China, Formosa, Hong Kong, Japan, un- known, Vietnam.	11	63	-----	Calif.,* Hawaii, Ill., Md., N.Y., Pa., Wash.
<i>Citrus</i> sp.-----	Hong Kong, Japan-----	1	1	-----	Calif.,* Tex.
<i>Xanthomonas</i> sp. (Cancrosis B): <i>Citrus limon</i> (lemon)-----	Argentina, unknown-----	-----	3	-----	Fla., La., N.Y.
<i>C. paradisi</i> (grapefruit)-----	Argentina, unknown-----	-----	2	-----	Calif.,* N.Y.

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.

Hosts and Diseases

ACER:

Rhytisma punctatum (Ascomycetes)

AGAVE:

Coniothyria agaves (Deuteromycetes)

†*Myiocopron affine* (Deuteromycetes)

Sphaerodothis pringlei (Ascomycetes)

Stomatogene agaves (Ascomycetes)

ALLIUM CEPA:

Mycosphaerella schoenoprasi (Ascomycetes)

†*Peronospora destructor* (Phycomycetes)

ALLIUM FISTULOSUM:

Mycosphaerella schoenoprasi (Ascomycetes)

ALLIUM PORRUM:

†*Mycosphaerella schoenoprasi* (Ascomycetes)

ALLIUM SATIVUM:

†*Mycosphaerella schoenoprasi* (Ascomycetes)

†*Puccinia blasdalei* (Promycetes)

ALLIUM SP.:

Mycosphaerella schoenoprasi (Ascomycetes)

ALOCASIA:

Meloidogyne arenaria (Nematoda)

ALOE:

†*Lecanidion atratum* (Ascomycetes)

Uromyces aloes (Promycetes)

ANTHURIUM:

Radopholus similis (Nematoda)

ARAUCHARIA:

Cryptospora longispora (Ascomycetes)

†*Dothiorella araucariae* (Deuteromycetes)

Macrophoma araucariae (Deuteromycetes)

ARECA:

Phomopsis palmicola (Deuteromycetes)

ASPARAGUS:

Meloidogyne incognita (Nematoda)

M. javanica (Nematoda)

ASTER:

†*Coleosporium asterum* (Promycetes)

AUCUBA:

Phyllosticta aucubicola (Deuteromycetes)

BACCHARIS:

Puccinia baccharidis (Promycetes)

BAMBOO:

Papularia sphaerosperma (Deuteromycetes)

Puccinia kusanoi (Promycetes)

BARRINGTONIA:

†*Dothiorella barringtoniae* (Deuteromycetes)

BEGONIA:

Meloidogyne hapla (Nematoda)

BETA:

Meloidogyne incognita (Nematoda)

BLETIA (?):

†*Sphenospora mera* (Promycetes)

BLETILLA:

Aphelenchoides fragariae (?) (Nematoda)

BOUTELOUA:

†*Phyllachora boutelouae* (Ascomycetes)

Puccinia boutelouae (Promycetes)

BRASSICA OLERACEA VAR. CAPITATA:

Peronospora parasitica (Phycomycetes)

BRASSICA SP.:

Cercospora brassicicola (Deuteromycetes)

BROMELIAD:

†*Uredo nidularii* (Promycetes)

BUXUS:

Puccinia buxi (Promycetes)

CALADIUM:

Meloidogyne arenaria (Nematoda)

CANNA:

†*Puccinia thaliae* (Promycetes)

CARICA:

†*Ascochyta caricae* (Deuteromycetes)

CARTHAMUS:

†*Puccinia carthami* (Promycetes)

CASIMIROA:

Cercospora coleroides (Deuteromycetes)

CASSIA:

Ravenelia papillifera (Promycetes)

CATASETUM:

†*Sphenospora mera* (Promycetes)

CHAMAEDOREA:

Botryosphaeria palmigena (Ascomycetes)

†*Didymium squamulosum* (Myxomycetes)

CHRYSANTHEMUM:

Puccinia horiana (Promycetes)

CITRULLUS:

†*Circinella minor* (?) (Phycomycetes)

CITRUS AURANTIFOLIA:

Elsinoe australis (Ascomycetes)

Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS AURANTIUM:

†*Ascochyta citri* (Deuteromycetes)

Phoma citricarpa (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS GRANDIS:

Phoma citricarpa (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS ICHANGENSIS X C. RETICULATA:

Xanthomonas citri (Schizomycetes)

CITRUS LIMON:

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

†*Pseudomonas syringae* (Schizomycetes)

Septoria citri (Deuteromycetes)

Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

Xanthomonas sp. (Cancrosis B) (Schizomycetes)

CITRUS MEDICA:

Phoma citricarpa (Deuteromycetes)

CITRUS PARADISI:

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

Xanthomonas sp. (Cancrosis B) (Schizomycetes)

CITRUS PARADISI X C. RETICULATA:

Phoma citricarpa (Deuteromycetes)

CITRUS RETICULATA:

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS RETICULATA 'UNSHIU':

Xanthomonas citri (Schizomycetes)

CITRUS SINENSIS:

†*Camarosporium limonii* (Deuteromycetes)

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Septoria citri (Deuteromycetes)

Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS SP.:

†"Greasy spot"

Phoma citricarpa (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CLEMATIS:

Meloidogyne hapla (Nematoda)

†*Phoma malisorica* (Deuteromycetes)

COCOS:

Diplodia coccocarpa (Deuteromycetes)

Phomopsis cocoas (Deuteromycetes)

†*Sirodesmium granulorum* (Deuteromycetes)

COFFEA:

†*Leptosphaeria coffeigena* (Ascomycetes)

CORDYLINE:

Phyllosticta draconis (Deuteromycetes)

†*Phyllostictina cordylines* (Deuteromycetes)

CORIANDRUM:

Meloidogyne incognita acrita (Nematoda)

CUSSONIA:

Meloidogyne javanica (Nematoda)

CYCAS:

†*Ascochyta cycadina* (Deuteromycetes)

DAHLIA:

Dendryphion interseminata (Deuteromycetes)

Pratylenchus penetrans (Nematoda)

DAUCUS:

Meloidogyne incognita (Nematoda)

M. javanica (Nematoda)

DIACRIUM:

†*Myiocopron corrientum* (Deuteromycetes)

DIANTHUS:

†Carnation ringspot virus

Puccinia arenariae (Promycetes)

DIOSCOREA:

Meloidogyne arenaria (Nematoda)

See footnotes at end of this list.

Hosts and Diseases—Continued

EPIDENDRUM:

- †*Sphenospora kevorkianii* (Promycetes)
- Uredo behnickiana* (Promycetes)
- U. guacae* (Promycetes)

EQUISETUM:

- †*Phoma equisetii* (Deuteromycetes)

EUCALYPTUS:

- †*Mycosphaerella molleriana* (Ascomycetes)

EUONYMUS:

- Sphaeropsis malorum* (Deuteromycetes)

EUPHORBIA:

- Meloidogyne javanica* (Nematoda)

EXOMIS:

- †*Camarosporium chenopodii* (Deuteromycetes)

FOUQUIERIA:

- †*Aecidium cannonii* (Promycetes)

FRAGARIA:

- Dendrophoma obscurans* (Deuteromycetes)

FRAXINUS:

- Phomopsis pterophila* (Deuteromycetes)

GARDENIA:

- Meloidogyne incognita acrita* (Nematoda)
- †*Pseudomonas gardeniae* (Schizomycetes)

GERBERA:

- Meloidogyne arenaria* (Nematoda)
- M. hapla* (Nematoda)

GINKGO:

- Phomopsis occulta* var. *ginkgoina* (Deuteromycetes)

GONGORA:

- †*Sphenospora kevorkianii* (Promycetes)

HORDEUM:

- †*Puccinia hordei* (Promycetes)

HUNTLEYA:

- Uredo oncidii* (Promycetes)

IONOPSIS:

- Sphenospora kevorkianii* (Promycetes)
- †*S. saphena* (?) (Promycetes)
- Uredo epidendri* (Promycetes)

IOMOEA:

- †*Aphelenchoides bicaudatus* (Nematoda)
- †*Diaporthe batatis* (Ascomycetes)

JATROPHA:

- †*Phakopsora jatrophiicola* (Promycetes)

JUNIPERUS:

- Gymnosporangium haraeum* (Promycetes)

LAELIA:

- Uredo behnickiana* (Promycetes)

LAGASCEA:

- †*Puccinia noccae* (Promycetes)

LARIX:

- †*Phoma lineolata* (Deuteromycetes)

LAURUS:

- †*Phyllosticta kalmicola* (Deuteromycetes)

LENS:

- †*Uromyces fabae* (Promycetes)

LEONTOPODIUM:

- Meloidogyne hapla* (Nematoda)

LESPEDeza:

- †*Uromyces lespedezae-procumbentis* (Promycetes)

LOPHOCEREUS:

- †*Camarosporium setuliferum* (Deuteromycetes)

LYCOPERSICON:

- †*Gonatobotrys simplex* (Deuteromycetes)

MAHONIA:

- Cumminsia mirabilissima* (Promycetes)
- †*Mycosphaerella berberidis* (Ascomycetes)
- Phomopsis mahoniae* (?) (Deuteromycetes)

MALUS:

- †*Coniothecium chomatosporum* (?) (Deuteromycetes)

MANGIFERA:

- †*Elsinoe mangiferae* (Ascomycetes)
- Phyllosticta mortoni* (Deuteromycetes)
- Phyllostictina mangiferae* (Deuteromycetes)

MAXILLARIA:

- †*Asterinema caseariae* (?) (Ascomycetes)

MESEMBRYANTHEMUM:

- Psilenchus hilarulus* (Nematoda)

METROSIDEROS:

- †*Phyllosticta salicifoliae* (Deuteromycetes)

MILTONIA:

- Uredo guacae* (Promycetes)

MORMODES (?):

- †*Sphenospora mera* (Promycetes)

MORUS:

- †*Cercospora moricola* (Deuteromycetes)

MUHLENBERGIA:

- †*Phyllachora vulgata* (Ascomycetes)

MUSA:

- †*Chaetothyria musarum* (Ascomycetes)
- †*Macrophoma musae* (Deuteromycetes)

NARCISSUS:

- Ceratocystis narcissii* (Ascomycetes)
- Ditylenchus dipsaci* (Nematoda)

ODONTOGLOSSUM:

- Uredo guacae* (Promycetes)

OLEA:

- Macrophoma oleae* (Deuteromycetes)

ONCIDIUM:

- Physalospora wildemanniana* (Ascomycetes)
- †*Sphenospora kevorkianii* (Promycetes)
- †*S. saphena* (Promycetes)
- Uredo behnickiana* (Promycetes)
- U. epidendri* (Promycetes)
- †*U. oncidii* (Promycetes)

ORCHID:

- †*Sphenospora kevorkianii* (Promycetes)
- †*S. saphena* (Promycetes)
- Uredo behnickiana* (Promycetes)
- U. epidendri* (Promycetes)
- U. guacae* (Promycetes)

ORNITHOCEPHALUS:

- Uredo guacae* (Promycetes)
- U. oncidii* (Promycetes)

ORNITHOGALUM:

- Didymellina ornithogali* (Ascomycetes)

ORYZA:

- †*Coniothyrium brevisporum* (Deuteromycetes)
- Diplodia oryzae* (Deuteromycetes)
- †*Neovossia horrida* (Promycetes)
- †*Olpitrichum macrosporum* (Deuteromycetes)
- †*Periconia pulla* (Deuteromycetes)
- †*Phoma oryzae* (Deuteromycetes)
- †*Pyrenochaeta oryzae* (Deuteromycetes)
- †*Septonema toruloides* (Deuteromycetes)
- †*Septoria curvula* (Deuteromycetes)
- S. oryzae* (Deuteromycetes)

PACHYSANDRA:

- Volutella pachysandricola* (Deuteromycetes)

PALM:

- †*Ciliospora gelatinosa* (Deuteromycetes)
- †*Coniothyrium palmicolum* (Deuteromycetes)
- †*Mycosphaerella serrulatae* (Ascomycetes)

PASSIFLORA:

- †*Ascochyta passiflorae* (Deuteromycetes)

PELARGONIUM:

- Pratylenchus pratensis* (Nematoda)

PHALARIS (?):

- Lophodermium arundinaceum* (Ascomycetes)

PHASEOLUS:

- †*Ascochyta phaseolorum* (Deuteromycetes)
- Cercospora brachiata* (Deuteromycetes)

PHILODENDRON (?):

- †*Uredo monsterae* (Promycetes)

PHRAGMITES:

- Lophodermium arundinaceum* (Ascomycetes)
- †*Puccinia magnusiana* (Promycetes)

PHYGELIUS:

- Meloidogyne hapla* (Nematoda)

PINUS:

- †*Phoma acicola* (Deuteromycetes)
- †*Rhizosphaera pini* (Deuteromycetes)

PITHECOCTENIUM:

- †*Prospodium pithecoctenii* (Promycetes)

POLIANTHES:

- Meloidogyne incognita acrita* (Nematoda)

POLYGONUM:

- Cylindrocarpon candidum* (Deuteromycetes)

POUTERIA:

- †*Elsinoe lepagei* (Ascomycetes)

PRUNUS:

- †*Septoria pruni* (Deuteromycetes)

PUNICA:

- †*Cercospora punicae* (Deuteromycetes)
- Sphaceloma punicae* (Deuteromycetes)

Hosts and Diseases—Continued

QUERCUS:

- †*Discula quercina* (Deuteromycetes)
- †*Phyllosticta quercus* (Deuteromycetes)

RHODODENDRON:

- Chrysomyxa ledi* var. *rhododendri* (Promycetes)
- Septoria azaleae* (Deuteromycetes)

RIBES:

- †*Diplodina grossulariae* (Deuteromycetes)

RICINUS:

- †*Oidium macrosporum* (Deuteromycetes)

RODRIGUEZIA:

- †*Sphenospora kevorkianii* (Promycetes)
- †*Uredo epidendri* (Promycetes)

RODRIGUEZIA (?):

- Uredo oncidii* (Promycetes)

ROSA:

- Meloidogyne hapla* (Nematoda)

SACCHARUM:

- †*Cercospora vaginiae* (Deuteromycetes)
- Cytospora sacchari* (Deuteromycetes)

SALIX:

- Melampsora abietis-capraearum* (Promycetes)

SCHINUS:

- †*Cylindrosporium toxicodendri* (Deuteromycetes)

SCHOMBURGKIA:

- †*Uredo behnickiana* (Promycetes)

SCIRPUS:

- †*Puccinia obtecta* (Promycetes)

SECALE:

- †*Dinemasporium graminum* (Deuteromycetes)
- Puccinia striiformis* (Promycetes)

SOBRALIA:

- Uredo guacae* (Promycetes)

SOIL:

- Criconemoides mutabile* (Nematoda)
- Helicotylenchus nannus* (Nematoda)
- Heterodera avenae* (Nematoda)
- †*H. cacti* (Nematoda)
- H. punctata* (Nematoda)
- H. rostochiensis* (Nematoda)
- Psilenchus hilarulus* (Nematoda)
- Scutellonema brachyurum* (Nematoda)
- †*S. christiei* (Nematoda)
- Tylenchorhynchus capitatus* (Nematoda)
- Tylenchus costatus* (Nematoda)
- †*T. filiformis* (Nematoda)

SOLANUM:

- †*Fusarium solani* (Deuteromycetes)

SPINACIA:

- Colletotrichum dematium* f. *spinaciae* (Deuteromycetes)

STANHOPEA:

- †*Cylindrocladium scoparium* (Deuteromycetes)
- Uredo guacae* (Promycetes)

STRONGYLODON:

- †*Papularia sphaerosperma* (Deuteromycetes)

TABEBUIA:

- †*Prospodium perornatum* (Promycetes)

TECOMA:

- Prospodium appendiculatum* (Promycetes)

TETRAMICRA:

- Uredo guacae* (Promycetes)

THEOBROMA:

- †*Menispora acicola* (Deuteromycetes)
- †*M. ciliata* (Deuteromycetes)

TILLANDSIA:

- Uredo nidularii* (Promycetes)

TRIFOLIUM:

- †*Cymadothea trifolii* (Ascomycetes)

TRIGONIDIUM:

- Uredo epidendri* (Promycetes)

TRITICUM:

- Ustilago tritici* (Promycetes)

TRIZEUXIS:

- Uredo epidendri* (Promycetes)

VIBURNUM:

- Meloidogyne hapla* (Nematoda)

VICIA:

- Uromyces fabae* (Promycetes)

VITIS:

- †*Guignardia bidwellii* (Ascomycetes)

YUCCA:

- Kellermannia anomala* (Deuteromycetes)

ZANTEDESCHIA:

- †*Meloidogyne arenaria arenaria* (Nematoda)
- M. incognita acrita* (Nematoda)
- M. javanica* (Nematoda)

ZEA:

- Helminthosporium turcicum* (Deuteromycetes)

ZYGOSTATES:

- Uredo guacae* (Promycetes)

Hosts Unknown

STRAW—UNIDENTIFIED

- Puccinia striiformis* (Promycetes)

TREE—UNIDENTIFIED:

- †*Hexagonia velutina* (Basidiomycetes)

A dagger (†) indicates a first interception from the country of origin.

A double dagger (‡) indicates a first interception by Division inspectors.

Countries of Origin and Diseases

- AFRICA (country(?)):
Phoma citricarpa
- AMERICAN SAMOA:
†*Macrophoma musae*
- ANTIGUA:
†*Elsinoe mangiferae*
- ARGENTINA:
Elsinoe australis
Heterodera cacti
Meloidogyne javanica
†*Uromyces fabae*
Xanthomonas sp. (Cancrosis B)
- ASIA (country(?)):
Phoma citricarpa
- AUSTRALIA:
†*Camarosporium limonii*
†*Coniothecium chomatosporum* (?)
Cryptospora longispora
†*Dothiorella araucariae*
†*Mycosphaerella molleriana*
†*M. schoenoprasii*
Phoma citricarpa
†*Phyllosticta salicifoliae*
Pratylenchus penetrans
Sphaceloma fawcettii var. *scabiosa*
- AUSTRIA:
Heterodera punctata
- BAHAMAS:
Sphenospora kevorkianii
†*S. mera*
- BELGIUM:
Heterodera avenae
H. punctata
H. rostochiensis
Mycosphaerella schoenoprasii
Phyllosticta aucubicola
- BERMUDA:
†*Lecanidion atratum*
- BRAZIL:
†*Ascochyta phaseolorum*
Elsinoe australis
Phoma citricarpa
†*Sphenospora kevorkianii*
Uredo behnickiana
U. guacae
- BRITISH HONDURAS:
Sphenospora kevorkianii
Uredo epidendri
U. oncidii
- CANADA:
Chrysomyxa ledi var. *rhododendri*
Cumminsella mirabilissima
†*Phyllosticta quercus*
Rhytisma punctatum
Sphaeropsis malorum
- CANAL ZONE:
†*Sphenospora kevorkianii*
Uredo guacae
†*U. monsterae*
- CHILE:
†*Guignardia bidwellii*
†*Heterodera cacti*
Uromyces fabae
- CHILE (?):
†*Dinemasporium graminum*
- CHINA:
†*Coniothyrium brevisporum*
†*Hexagonia velutina*
Phoma citricarpa
†*P. oryzae*
Xanthomonas citri
- COLOMBIA:
†*Ascochyta passiflorae*
†*Mycosphaerella serrulatae*
- COSTA RICA:
†*Asterinema caseariae* (?)
†*Myiocopron corrientum*
Uredo behnickiana
U. epidendri
†*U. nidularii*
U. oncidii
- CUBA:
Sphenospora kevorkianii
- DENMARK:
†Carnation ringspot virus
Heterodera avenae
- DOMINICAN REPUBLIC:
†"Greasy spot"
†*Phakopsora jatrophiicola*
- ECUADOR:
Uredo guacae
- ENGLAND:
Ceratocystis narcissii
Ditylenchus dipsaci
Heterodera avenae
H. punctata
H. rostochiensis
Meloidogyne hapla
Puccinia arenariae
- ENIWETOK:
†*Ascochyta caricae*
- FIJI:
Phoma citricarpa
- FORMOSA:
Phoma citricarpa
†*Pyrenochaeta oryzae*
Xanthomonas citri
- FRANCE:
Dendrophoma obscurans
Heterodera cacti
Puccinia buxi
- FRANCE (?):
†*Puccinia blasdalei*
- GERMANY:
Dendrophoma obscurans
Heterodera avenae
H. cacti
H. punctata
H. rostochiensis
Lophodermium arundinaceum
Meloidogyne hapla
†*Mycosphaerella schoenoprasii*
†*Puccinia magnusiana*
- GUAM:
†*Macrophoma musae*
Phomopsis palmicola
- GUATEMALA:
Meloidogyne arenaria
Uredo oncidii
- HAITI:
†*Sphenospora kevorkianii*
†*S. saphena*
- HAWAII:
Diplodia coccocarpa
†*Dothiorella barringtoniae*
Phomopsis cocoas
Phyllosticta draconis
†*Phyllostictina cordylines*
Radopholus similis
- HONDURAS:
Sphenospora kevorkianii
Uredo epidendri
U. guacae
U. oncidii
- HONG KONG:
Phoma citricarpa
Xanthomonas citri
- INDIA:
†*Cercospora punicae*
†*C. vaginae*
Neovossia horrida
†*Phoma oryzae*
Xanthomonas citri
- IRELAND:
Heterodera rostochiensis
Puccinia buxi
- ITALY:
Heterodera avenae
H. cacti
Macrophoma oleae
Meloidogyne incognita acrita
Phomopsis pterophila
Septoria citri
†*S. pruni*
Sphaceloma punicae

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

JAMAICA:

Sphenospora kevorkianii
 †*S. saphena*
Uredo epidendri
U. guacae

JAPAN:

Aphelenchoides fragariae (?)
 †*Ascochyta citri*
Cercospora brassicicola
Colletotrichum dematium f. *spinaciae*
Diplodia oryzae
 †*Discula quercina*
Gymnosporangium haraeae
Macrophoma musae
Meloidogyne arenaria
 †*M. arenaria arenaria*
M. hapla
M. javanica
 †*Mycosphaerella berberidis*
M. schoenoprasii
Neovossia horrida
 †*Olpitrichum macrosporum*
 †*Periconia pulla*
 †*Peronospora destructor*
Phoma citricarpa
 †*P. equisetii*
 †*P. malisora*
Phomopsis mahoniae (?)
P. occulta var. *ginkgoina*
Puccinia horiana
P. kusanoi
P. striiformis
 †*Septonema toruloides*
Septoria citri
 †*S. curvula*
S. oryzae
Uromyces lespedezae-procumbentis
Xanthomonas citri

KENYA:

†*Puccinia hordei*

KOREA:

†*Coleosporium asterum*
 †*Neovossia horrida*

MEXICO:

†*Aecidium cannonii*
 †*Aphelenchoides bicaudatus*
 †*Ascochyta caricae*
Botryosphaeria palmigena
 †*Camarosporium setuliferum*
Cercospora coleroides
 †*C. moricola*
 †*Chaetothyria musarum*
 †*Ciliospora gelatinosa*
 †*Circinella minor* (?)
Coniothyria agaves
 †*Coniothyrium palmicolum*
Criconemoides mutabile
 †*Cylindrocladium scoparium*
 †*Cylindrosporium toxicodendri*
Cytospora sacchari
Dendryphion interseminata
 †*Diaporthe batatis*
 †*Didymium squamulosum*
 †*Elsinoe lepagei*
 †*Gonatobotrys simplex*
Helicotylenchus nannus
Helminthosporium turcicum
Heterodera cacti
H. punctata
H. rostochiensis
Kellermannia anomala
 †*Leptosphaeria coffeigena*
Melampsora abietis-capraearum
Meloidogyne arenaria
M. incognita
M. incognita acrita
M. javanica
 †*Menispora acicola*
 †*M. ciliata*
 †*Myiocopron affine*
 †*Oidium macrosporum*
Papularia sphaerosperma
 †*Phyllachora boutelouae*
 †*P. vulgata*

†*Phyllosticta kalmicola*
P. murtoni
Phyllostictina mangiferae
Physalospora wildevanniana
Pratylenchus pratensis
Prosopidium appendiculatum
 †*P. perornatum*
 †*P. pithecoctenii*
 †*Pseudomonas gardeniae*
Psilenchus hilarulus
Puccinia baccharidis
P. boutelouae
 †*P. carthami*
 †*P. noccae*
P. obtecta
Ravenelia papillifera
Scutellonema brachyurum
 †*S. christiei*
 †*Sirodesmium granulosum*
Sphaceloma punicae
Sphaerodothis pringlei
Stomatogene agaves
Tylenchorhynchus capitatus
Tylenchus costatus
 †*T. filiformis*
Uredo behnickiana
U. guacae
U. nidularii
U. oncidii
Ustilago tritici

MOZAMBIQUE:

Phoma citricarpa

NETHERLANDS:

Cylindrocarpon candidum
Heterodera rostochiensis
Meloidogyne hapla
Peronospora parasitica
Septoria azaleae
Uromyces fabae
Volutella pachysandricola

NEW ZEALAND:

Macrophoma araucariae
Phoma citricarpa

NICARAGUA:

†*Dothiorella araucariae*
Uredo behnickiana
U. epidendri

NORFOLK ISLAND:

Cryptospora longispora
Macrophoma araucariae

NORWAY:

†*Diplodina grossulariae*
Heterodera punctata

OKINAWA:

†*Ascochyta cycadina*

PAKISTAN:

†*Cymadothea trifolii*
 †*Uromyces lespedezae-procumbentis*

PANAMA:

Uredo behnickiana
U. guacae
U. oncidii

PERU:

†*Fusarium solani*
 †*Sphenospora kevorkianii*
 †*S. mera*
 †*S. saphena*
 †*Uredo behnickiana*
 †*U. epidendri*
U. guacae
U. oncidii

PHILIPPINES:

Macrophoma musae
Neovossia horrida
 †*Papularia sphaerosperma*
Xanthomonas citri

POLAND:

Heterodera rostochiensis

PORTUGAL:

†*Puccinia obtecta*

PUERTO RICO:

Cercospora brachiata
 †"Greasy spot"

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

REPUBLIC OF SOUTH AFRICA:

†*Camarosporium chenopodii*
Didymellina ornithogali
Meloidogyne javanica
Phoma citricarpa
†*Pseudomonas syringae*
Uromyces aloes

SCOTLAND:

†*Phoma lineolata*

SINGAPORE:

†*Macrophoma musae*

SPAIN:

Heterodera rostochiensis
Septoria citri

SURINAM:

†*Uredo oncidii*

SWEDEN:

Heterodera avenae
H. rostochiensis

SWITZERLAND:

Chrysomyxa ledi var. *rhododendri*
Heterodera cacti
H. punctata

TAHITI:

Diplodia coccocarpa

THAILAND:

†*Phoma acicola*
†*Rhizosphaera pini*
Xanthomonas citri

TRINIDAD:

Uredo epidendri
U. oncidii

UNKNOWN:

Cryptospora longispora
Elsinoe australis
Phoma citricarpa
Septoria citri
Sphenospora kevorkianii
Uredo oncidii
Uromyces fabae
Xanthomonas citri
Xanthomonas sp. (Cancrosis B)

URUGUAY:

Elsinoe australis

VENEZUELA:

†*Puccinia thaliae*

VIETNAM:

Xanthomonas citri

WEST PACIFIC:

Phoma citricarpa

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A double dagger (‡) indicates a first interception by Division inspectors.

